



2025/1138

30.6.2025

COMMISSION IMPLEMENTING REGULATION (EU) 2025/1138

of 10 June 2025

granting a Union authorisation for the biocidal product family ‘Tevan Panox Family’ in accordance with Regulation (EU) No 528/2012 of the European Parliament and of the Council

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products ⁽¹⁾, and in particular Article 44(5), first subparagraph, thereof,

Whereas:

- (1) On 29 September 2017, Tevan B.V submitted an application to the European Chemicals Agency (‘the Agency’) in accordance with Article 43(1) of Regulation (EU) No 528/2012 for Union authorisation of a biocidal product family named ‘Tevan Panox Family’ of product-types 2, 3 and 4 as described in Annex V to that Regulation, providing written confirmation that the competent authority of the Netherlands had agreed to evaluate the application. The application was recorded under case number BC-SB034343-54 in the Register for Biocidal Products.
- (2) ‘Tevan Panox Family’ contains peracetic acid as the active substance, included in the Union list of approved active substances referred to in Article 9(2) of Regulation (EU) No 528/2012 for product-types 2, 3 and 4.
- (3) On 15 November 2023, the evaluating competent authority submitted, in accordance with Article 44(1) of Regulation (EU) No 528/2012, an assessment report and the conclusions of its evaluation to the Agency.
- (4) On 26 June 2024, the Agency submitted to the Commission its opinion ⁽²⁾, the draft summary of the biocidal product characteristics (‘SPC’) of ‘Tevan Panox Family’ and the final assessment report on the biocidal product family, in accordance with Article 44(3) of Regulation (EU) No 528/2012.
- (5) The opinion concludes that ‘Tevan Panox Family’ is a biocidal product family within the meaning of Article 3(1), point (s), of Regulation (EU) No 528/2012, that it is eligible for Union authorisation in accordance with Article 42(1) of that Regulation and that, subject to compliance with the draft SPC, it meets the conditions laid down in Article 19(6) of that Regulation.
- (6) On 19 July 2024, the Agency transmitted to the Commission the draft SPC in all the official languages of the Union in accordance with Article 44(4) of Regulation (EU) No 528/2012.
- (7) The Commission concurs with the opinion of the Agency and considers it therefore appropriate to grant a Union authorisation for the biocidal product family ‘Tevan Panox Family’.
- (8) The measures provided for in this Regulation are in accordance with the opinion of the Standing Committee on Biocidal Products,

⁽¹⁾ OJ L 167, 27.6.2012, p. 1, ELI: <http://data.europa.eu/eli/reg/2012/528/oj>.

⁽²⁾ ECHA opinion of 30 May 2024 on the Union authorisation of ‘Tevan Panox Family’ (ECHA/BPC/437/2024), <https://echa.europa.eu/opinions-on-union-authorisation>.

HAS ADOPTED THIS REGULATION:

Article 1

A Union authorisation with authorisation number EU-0032875-0000 is granted to Tevan B.V. for the making available on the market and use of the biocidal product family 'Tevan Panox Family' in accordance with the summary of the biocidal product characteristics set out in the Annex.

The Union authorisation is valid from 20 July 2025 until 30 June 2035.

Article 2

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 10 June 2025.

For the Commission
The President
Ursula VON DER LEYEN

ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT FAMILY

Tevan Panox family

Product type(s)

PT02: Disinfectants and algaecides not intended for direct application to humans or animals

PT03: Veterinary hygiene

PT04: Food and feed area

Authorisation number: EU-0032875-0000

R4BP asset number: EU-0032875-0000

PART I

FIRST INFORMATION LEVEL

1. ADMINISTRATIVE INFORMATION

1.1. Family name

Name	Tevan Panox family
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1.2. Product type(s)

Product type(s)	PT02: Disinfectants and algaecides not intended for direct application to humans or animals PT03: Veterinary hygiene PT04: Food and feed area
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1.3. Authorisation holder

Name and address of the authorisation holder	Name	Tevan bv
	Address	Edisonweg 19 4207 HE Gorinchem NL
Authorisation number	EU-0032875-0000	
R4BP asset number	EU-0032875-0000	
Date of the authorisation	20 July 2025	
Expiry date of the authorisation	30 June 2035	

1.4. **Manufacturer(s) of the product**

Name of manufacturer	Tevan BV
Address of manufacturer	Edisonweg 19 4207HE Gorinchem, Netherlands
Location of manufacturing sites	Tevan BV site 1 Edisonweg 19 4207HE Gorinchem, Netherlands

Name of manufacturer	Tevan BV
Address of manufacturer	Edisonweg 19 4207HE Gorinchem, Netherlands
Location of manufacturing sites	Tevan BV site 1 Edisonweg 19 4207HE Gorinchem, Netherlands

1.5. **Manufacturer(s) of the active substance(s)**

Active substance	Peracetic acid
Name of manufacturer	Evonik Resources efficiency GmbH c/o Evonik Industries Ag
Address of manufacturer	Rellinghauser StraBe 1-11 45128 Essen, Germany
Location of manufacturing sites	Evonik Resources efficiency GmbH c/o Evonik Industries Ag site 1 Industriestrasse 1 9721 Weissenstein, Austria

2. **PRODUCT FAMILY COMPOSITION AND FORMULATION**2.1. **Qualitative and quantitative information on the composition of the family**

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Peracetic acid		active substance	79-21-0	201-186-8	0,0358 - 1,7 % (w/w)
Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	0,99475 - 47,25 % (w/w)
Polyphosphoric acid	Polyphosphoric acids	non-active substance	8017-16-1	232-417-0	0,04194 - 1,992 % (w/w)
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,01534 - 0,7286 % (w/w)

2.2. **Type(s) of formulation**

Formulation type(s)	AL Any other liquid SL Soluble concentrate
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PART II

SECOND INFORMATION LEVEL – META SPC(S)

1. META SPC 1 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 1 identifier

Identifier	Meta SPC: Tevan Panox
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1.2. Suffix to the authorisation number

Number	1-1
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1.3. Product type(s)

Product type(s)	PT02: Disinfectants and algacides not intended for direct application to humans or animals PT03: Veterinary hygiene PT04: Food and feed area
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2. META SPC 1 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Peracetic acid		active substance	79-21-0	201-186-8	1,7 - 1,7 % (w/w)
Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	47,25 - 47,25 % (w/w)
Polyphosphoric acid	Polyphosphoric acids	non-active substance	8017-16-1	232-417-0	1,992 - 1,992 % (w/w)
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,7286 - 0,7286 % (w/w)

2.2. Type(s) of formulation of the meta SPC 1

Formulation type(s)	SL Soluble concentrate
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 1

Hazard statements	<p>H272: May intensify fire; oxidiser.</p> <p>H290: May be corrosive to metals.</p> <p>H314: Causes severe skin burns and eye damage.</p> <p>H302+H332: Harmful if swallowed or if inhaled.</p> <p>H411: Toxic to aquatic life with long lasting effects.</p> <p>EUH071: Corrosive to the respiratory tract.</p>
Precautionary statements	<p>P234: Keep only in original packaging.</p> <p>P390: Absorb spillage to prevent material damage.</p> <p>P260: Do not breathe vapours.</p> <p>P273: Avoid release to the environment.</p> <p>P280: Wear protective gloves.</p> <p>P280: Wear protective clothing.</p> <p>P280: Wear eye protection.</p> <p>P280: Wear face protection.</p> <p>P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</p> <p>P310: Immediately call a doctor.</p> <p>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of container to a disposal facility in accordance with local regulations.</p>

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description

Table 1

Disinfection of hard surfaces in hospitals and other health care institutions

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—

Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in hospitals and other health care institutions.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack sprayer). Manual application by pouring or spraying followed by wiping or mopping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m² Pouring or spraying followed by wiping or mopping: 0,030 - 0,060 litre/m²</p> <p>Dilution: 1 % - 7 %</p> <p>Number and timing of application: Apply in addition to daily cleaning; 10 application per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>1 L High density polyethylene (HDPE) bottle with screw cap (outer cap HDPE, inner cap polypropylene copolymer (PPC), with low-density polyethylene (LDPE) or polyethylene (PE) foam liner as pressure release valve);</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane polytetrafluoroethylene (PTFE);</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane)</p> <p>1 000 L HDPE intermediate bulk container (IBC) with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.</p>

4.1.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Prepare a dilution of the product manually in a bucket, watering can, trigger spray or knapsack sprayer:

- for bacteria and yeasts: dilute the product to 1 % (v/v; 10 ml product, add water to 1 litre).
- for bacteria, yeasts and fungi: dilute the product to 4 % (v/v; 40 ml product, add water to 1 litre).
- for bacteria, yeasts, fungi and viruses: dilute the product to 6 % (v/v; 60 ml product, add water to 1 litre).
- for bacteria, mycobacteria, yeasts, fungi and viruses: dilute the product to 7 % (v/v; 70 ml product, add water to 1 litre).

or

Prepare a dilution of the product in a bucket, watering can, trigger spray or knapsack sprayer by means of an automated dosage system according to the use instructions of the apparatus.

Subsequently pour the diluted product on the floor or apply the product with a trigger spray or knapsack sprayer. Make sure that the surface remains wet for at least 5 minutes.

The dilution is intended for immediate use.

Where gas filters (RPE) are required, training must be ensured for the users.

4.1.2. Use-specific risk mitigation measures

Mixing and loading – Manual (undiluted):

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Ensure adequate ventilation (at least 3 air changes per hour) during mixing and loading.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

7 % in-use dilution

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $\leq 100 \text{ m}^3$ with a ventilation of ≤ 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume $\geq 1\,000 \text{ m}^3$.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $< 1\,000\text{ m}^3$ a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

6 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms $< 100\text{ m}^3$ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

4 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open). Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

1 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.

— No access of third parties during application or treatment.

— Do not use near domestic animals or livestock.

When means of protection are indicated, this is without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

See section 6 for the full reference to this act and the European standards.

4.1.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.1.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.1.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.2. **Use description**

Table 2

Disinfection of hard surfaces in industry and laboratories

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in non-food industry and laboratories.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack sprayer). Manual application by pouring or spraying followed by wiping or mopping.</p> <p>Detailed description: —</p>

Application rate(s) and frequency	Application rate: Trigger spray: 0,030 - 0,060 litre/m ² Watering can: 0,19 - 1,92 litre/m ² Knapsack or backpack spray: 0,181 litre/m ² Pouring or spraying followed by wiping or mopping: 0,030 - 0,060 litre/m ² Dilution: 1 % - 7 % Number and timing of application: Apply in addition to daily cleaning; 10 applications per day shall not be exceeded. Temperature: room temperature.
Category(ies) of users	Professional
Pack sizes and packaging material	1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE) 220 L HDPE drums with HDPE screw cap (with pressure release membrane); 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.

4.2.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Prepare a dilution of the product manually in a bucket, watering can, trigger spray or knapsack sprayer:

- for bacteria and yeasts: dilute the product to 1 % (v/v; 10 ml product, add water to 1 litre).
- for bacteria, yeasts and fungi: dilute the product to 4 % (v/v; 40 ml product, add water to 1 litre).
- for bacteria, yeasts, fungi and viruses: dilute the product to 6 % (v/v; 60 ml product, add water to 1 litre).
- for bacteria, mycobacteria yeasts, fungi and viruses: dilute the product to 7 % (v/v; 70 ml product, add water to 1 litre).

or

Prepare a dilution of the product in a bucket, watering can, trigger spray or knapsack sprayer by means of an automated dosage system according to the use instructions of the apparatus.

Subsequently pour the diluted product on the floor or apply the product with a trigger spray or knapsack sprayer. Make sure that the surface remains wet for at least 5 minutes.

The dilution is intended for immediate use.

Where gas filters (RPE) are required, training must be ensured for the users.

4.2.2. Use-specific risk mitigation measures

Mixing and loading – Manual (undiluted):

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Ensure adequate ventilation (at least 3 air changes per hour) during mixing and loading.
- Use of respiratory protective equipment (RPE) providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required, consistent with EN 12941 or equivalent
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

7 % in-use dilution

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $\leq 100 \text{ m}^3$ with a ventilation of ≤ 3 air changes per hour, a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $< 1\,000\text{ m}^3$ a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

6 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

4 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open). Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

1 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

When means of protection are indicated, this is without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

See section 6 for the full reference to this act and the European standards.

4.2.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.2.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.2.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.3. **Use description**

Table 3

Disinfection of hard surfaces in areas other than hospitals and care institutions where humans reside

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—

Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in areas other than hospitals and care institutions where humans reside.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack sprayer). Manual application by pouring or spraying followed by wiping or mopping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m² Pouring or spraying followed by wiping or mopping: 0,030 - 0,060 litre/m²</p> <p>Dilution: 1 % - 7 %</p> <p>Number and timing of application: Apply in addition to daily cleaning: 10 applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane)</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.</p>

4.3.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Prepare a dilution of the product manually in a bucket, watering can, trigger spray or knapsack sprayer:

- for bacteria and yeasts: dilute the product to 1 % (v/v; 10 ml product, add water to 1 litre).
- for bacteria, yeasts and fungi: dilute the product to 4 % (v/v; 40 ml product, add water to 1 litre).
- for bacteria, yeasts, fungi and viruses: dilute the product to 6 % (v/v; 60 ml product, add water to 1 litre).
- for bacteria, mycobacteria, yeasts, fungi and viruses: dilute the product to 7 % (v/v; 70 ml product, add water to 1 litre).

or

Prepare a dilution of the product in a bucket, watering can, trigger spray or knapsack sprayer by means of an automated dosage system according to the use instructions of the apparatus.

Subsequently pour the diluted product on the floor or apply the product with a trigger spray or knapsack sprayer. Make sure that the surface remains wet for at least 5 minutes.

The dilution is intended for immediate use.

Where gas filters (RPE) are required, training must be ensured for the users.

4.3.2. Use-specific risk mitigation measures

Mixing and loading – Manual (undiluted):

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Ensure adequate ventilation (at least 3 air changes per hour) during mixing and loading.
- Use of respiratory protective equipment (RPE) providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required. consistent with EN 12941 or equivalent
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

7 % in-use dilution

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $\leq 100 \text{ m}^3$ with a ventilation of ≤ 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm ($1,25 \text{ mg/m}^3$) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume $\geq 1\,000 \text{ m}^3$.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 1 000 m³ a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

6 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

4 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open). Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

1 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

When means of protection are indicated, this is without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

See section 6 for the full reference to this act and the European standards.

4.3.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.3.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.3.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.4. **Use description**

Table 4

Disinfection of surfaces in swimming pools

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces around swimming pools or in empty basins.</p>
Application method(s)	<p>Method: Manual application, by pouring, mopping, cloth or spraying (trigger spray or knapsack sprayer). Manual application by pouring or spraying followed by wiping or mopping.</p> <p>Detailed description: —</p>

Application rate(s) and frequency	Application rate: Trigger spray: 0,030 - 0,060 litre/m ² Watering can: 0,19 - 1,92 litre/m ² Knapsack or backpack spray: 0,181 litre/m ² Pouring or spraying followed by wiping or mopping: 0,030 - 0,060 litre/m ² Dilution: 1 % - 7 % Number and timing of application: Apply in addition to daily cleaning; 10 applications per day shall not be exceeded. Temperature: room temperature.
Category(ies) of users	Professional
Pack sizes and packaging material	1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE) 220 L HDPE drums with HDPE screw cap (with pressure release membrane); 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.

4.4.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Prepare a dilution of the product manually in a bucket, watering can, trigger spray or knapsack sprayer:

- for bacteria and yeasts: dilute the product to 1 % (v/v; 10 ml product, add water to 1 litre).
- for bacteria, yeasts, fungi: dilute the product to 4 % (v/v; 40 ml product, add water to 1 litre).
- for bacteria, yeasts, fungi and viruses: dilute the product to 6 % (v/v; 60 ml product, add water to 1 litre).
- for bacteria, mycobacteria, yeasts, fungi and viruses: dilute the product to 7 % (v/v; 70 ml product, add water to 1 litre).

or

Prepare a dilution of the product in a bucket, watering can, trigger spray or knapsack sprayer by means of an automated dosage system according to the use instructions of the apparatus.

Subsequently pour the diluted product on the floor or apply the product with a trigger spray or knapsack sprayer. Make sure that the surface remains wet for at least 5 minutes.

The dilution is intended for immediate use.

Where gas filters (RPE) are required, training must be ensured for the users.

4.4.2. Use-specific risk mitigation measures

Mixing and loading – Manual (undiluted):

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Ensure adequate ventilation (at least 3 air changes per hour) during mixing and loading.
- Use of respiratory protective equipment (RPE) providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required. consistent with EN 12941 or equivalent
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

7 % in-use dilution

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $\leq 100 \text{ m}^3$ with a ventilation of ≤ 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $< 1\,000\text{ m}^3$ a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

6 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

4 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open). Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

1 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.

- No access of third parties during application or treatment.

- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.

- The flow rate of the backpack sprayer must not exceed 0,3 l/min.

- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.

- No access of third parties during application or treatment.

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

- No access of third parties during application or treatment.

- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.

- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.

- No access of third parties during application or treatment.

- Do not use near domestic animals or livestock.

When means of protection are indicated, this is without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

See section 6 for the full reference to this act and the European standards.

4.4.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.4.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.4.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage condition in section General direction for use of the meta SPC.

4.5. Use description

Table 5

Disinfection of surfaces in accomodations and adjacent rooms for animals

Product type	PT03: Veterinary hygiene
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in accommodations and adjacent rooms for animals.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack sprayer). Manual application by pouring or spraying followed by wiping or mopping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m² Pouring or spraying followed by wiping or mopping: 0,030 - 0,060 litre/m²</p> <p>Dilution: 2 % - 6 %</p> <p>Number and timing of application: Apply in addition to daily cleaning; 10 applications per day shall not be exceeded.</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane)</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.</p>

4.5.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Prepare a dilution of the product manually in a bucket, watering can, trigger spray or knapsack sprayer and apply this use dilution:

- for bacteria and yeasts: dilute the product to 2 % (v/v; 20 ml product, add water to 1 litre) and the surface should remain wet at least 5 minutes.
- for bacteria, mycobacteria and yeasts: dilute the product to 6 % (v/v; 60 ml product, add water to 1 litre) and the surface should remain wet at least 5 minutes.

or

Prepare a dilution of the product in a bucket, watering can, trigger spray or knapsack sprayer by means of an automated dosage system according to the use instructions of the apparatus.

Subsequently pour the diluted product on the floor under feed troughs or apply the product with a trigger spray or knapsack sprayer. Make sure that the surface remains wet for at least 5 minutes.

The dilution is intended for immediate use.

Where gas filters (RPE) are required, training must be ensured for the users.

4.5.2. Use-specific risk mitigation measures

Mixing and loading – Manual (undiluted):

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Ensure adequate ventilation (at least 3 air changes per hour) during mixing and loading.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

6 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.

- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Animals must be kept away from treated areas until surfaces are dry.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms $< 1\,000\text{ m}^3$. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm ($1,25\text{ mg/m}^3$) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – pouring:

- Pouring application should take place under feed troughs.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

2 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – spraying – Knapsack/backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – pouring:

- Pouring application should take place under feed troughs.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

When means of protection are indicated, this is without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

See section 6 for the full reference to this act and the European standards.

4.5.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.5.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.5.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.6. Use description

Table 6

Disinfection of surfaces in the food industry

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in the food industry.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack sprayer). Manual application by pouring or spraying followed by wiping or mopping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m² Pouring or spraying followed by wiping or mopping: 0,030 - 0,060 litre/m²</p>

	Dilution: 1 % - 7 % Number and timing of application: Apply in addition to daily cleaning; 3 applications per day shall not be exceeded. Temperature: room temperature.
Category(ies) of users	Professional
Pack sizes and packaging material	1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE) 220 L HDPE drums with HDPE screw cap (with pressure release membrane) 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.

4.6.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Prepare a dilution of the product manually in a bucket, watering can, trigger spray or knapsack sprayer:

- for bacteria, yeasts, and viruses: dilute the product to 1 % (v/v; 10 ml product, add water to 1 litre).
- for bacteria, yeasts, fungi, and viruses: dilute the product to 4 % (v/v; 40 ml product, add water to 1 litre).
- for bacteria, mycobacteria, yeasts, fungi, and viruses: dilute the product to 7 % (v/v; 70 ml product, add water to 1 litre).

or

Prepare a dilution of the product in a bucket, watering can, trigger spray or knapsack sprayer by means of an automated dosage system according to the use instructions of the apparatus.

Subsequently pour the diluted product on the floor or apply the product with a trigger spray or knapsack sprayer. Make sure that the surface remains wet for at least 5 minutes.

The dilution is intended for immediate use.

Where gas filters (RPE) are required, training must be ensured for the users.

4.6.2. Use-specific risk mitigation measures

Mixing and loading – Manual (undiluted):

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Ensure adequate ventilation (at least 3 air changes per hour) during mixing and loading.

- Use of respiratory protective equipment (RPE) providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required, consistent with EN 12941 or equivalent
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

7 % in-use dilution

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $\leq 100 \text{ m}^3$ with a ventilation of ≤ 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume $\geq 1\,000 \text{ m}^3$

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 1 000 m³ a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

6 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.

- No access of third parties during application or treatment.

- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.

- The flow rate of the backpack sprayer must not exceed 0,3 l/min.

- Spraying is only allowed in the downward or horizontal direction.

- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.

- No access of third parties during application or treatment.

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).>

- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms $< 1\,000\text{ m}^3$. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.

- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.

- No access of third parties during application or treatment.

- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.

- Ensure adequate ventilation (at least 3 air changes per hour) during application.

- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.

- No access of third parties during application or treatment.

- Do not use near domestic animals or livestock.

4 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms $< 100\text{ m}^3$ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.

- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.

- No access of third parties during application or treatment.

- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open). Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms $< 1\,000\text{ m}^3$. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

1 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack/backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

When means of protection are indicated, this is without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

See section 6 for the full reference to this act and the European standards.

4.6.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.6.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.6.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.7. **Use description**

Table 7

Disinfection of inner surfaces of installations coming into contact with water (potable water systems for humans and animals and process water)

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria including <i>Legionella</i> spp Development stage: no data
Field(s) of use	Indoor use Disinfection of inner surfaces of installations coming into contact with water that are temporarily not in use during disinfection (potable water systems for humans and animals and process water).
Application method(s)	Method: other filling of water system with dilution of product. Detailed description: —

Application rate(s) and frequency	<p>Application rate: —</p> <p>Dilution: 0,88 %</p> <p>Number and timing of application: Apply when the microbiological contamination of the water in or supplied by the system exceeds defined values. These values may vary for the different areas where and for which applications the water is used and may be subject to local regulations.</p> <p>Microbiological contamination is assessed by culturing the micro-organisms in water samples and is expressed as the number of colony forming units (CFU's) per volume of water.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane)</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.</p>

4.7.1. *Use-specific instructions*

Clean the inner surfaces of the system.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Prepare a 0,88 % product dilution (v/v) of the product by means of an automated dosing system attached to the water system. Fill the system with the diluted product and let the use solution remain in the water system for at least 5 minutes. Subsequently remove the working solution and flush the system with clean water until the concentration of active substances is below the accepted limit values (to be measured by means of peroxide test strips).

4.7.2. *Use-specific risk mitigation measures*

During treatment the water cannot be used for consumption.

4.7.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.7.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.7.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for the use of meta SPC.

5. **GENERAL DIRECTIONS FOR USE OF THE META SPC 1**

5.1. **Instructions for use**

See use specific instructions for use.

5.2. **Risk mitigation measures**

See risk mitigation measures for specific uses.

5.3. **Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112 or an ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112 or an ambulance for medical assistance.

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. If symptoms: Call 112 or an ambulance for medical assistance. If no symptoms: Call a POISON CENTRE or a doctor.

Avoid release of the product into the environment.

5.4. **Instructions for safe disposal of the product and its packaging**

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

5.5. **Conditions of storage and shelf-life of the product under normal conditions of storage**

Shelf life: 3 months.

Store in the original container at room temperature. Store away from light. Protect from frost.

6. **OTHER INFORMATION**

Professionals (including industrial, professionals) mean trained professional if this is required by national legislation.

The full titles of the EN standards referenced in the Risk mitigation measures are:

EN 13832 – Footwear protecting against chemicals

EN ISO 374 – Protective gloves against dangerous chemicals and micro-organisms

EN 12941 – Respiratory protective devices – Powered filtering devices incorporating a loose fitting respiratory interface

EN 166 – Eye protection against chemicals

EN 14605 – Protective clothing against liquid chemicals – Performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4]).

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC) (OJ L 131, 5.5.1998, p. 11).

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 1

7.1. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)			Tevan Panox®	Market area: EU		
			Aquanorm	Market area: EU		
Authorisation number			EU-0032875-0001 1-1			
Common name	IUPAC name	Function	CAS number	EC number	Content (%)	
Peracetic acid		active substance	79-21-0	201-186-8	1,7 % (w/w)	
Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	47,25 % (w/w)	
Polyphosphoric acid	Polyphosphoric acids	non-active substance	8017-16-1	232-417-0	1,992 % (w/w)	
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,7286 % (w/w)	

1. META SPC 2 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 2 identifier

Identifier	Meta SPC: Tevan Panox 1816
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1.2. Suffix to the authorisation number

Number	1-2
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1.3. Product type(s)

Product type(s)	PT02: Disinfectants and algacides not intended for direct application to humans or animals PT03: Veterinary hygiene PT04: Food and feed area
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2. META SPC 2 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 2

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Peracetic acid		active substance	79-21-0	201-186-8	0,5667 - 0,5667 % (w/w)
Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	15,75 - 15,75 % (w/w)
Polyphosphoric acid	Polyphosphoric acids	non-active substance	8017-16-1	232-417-0	0,664 - 0,664 % (w/w)
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,2429 - 0,2429 % (w/w)

2.2. Type(s) of formulation of the meta SPC 2

Formulation type(s)	SL Soluble concentrate
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 2

Hazard statements	<p>H272: May intensify fire; oxidiser.</p> <p>H290: May be corrosive to metals.</p> <p>H314: Causes severe skin burns and eye damage.</p> <p>H411: Toxic to aquatic life with long lasting effects.</p> <p>EUH071: Corrosive to the respiratory tract.</p>
Precautionary statements	<p>P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P220: Keep away from clothing or other combustible materials.</p> <p>P234: Keep only in original packaging.</p> <p>P273: Avoid release to the environment.</p> <p>P390: Absorb spillage to prevent material damage.</p> <p>P391: Collect spillage.</p> <p>P260: Do not breathe vapours.</p> <p>P280: Wear protective gloves.</p> <p>P280: Wear protective clothing.</p> <p>P280: Wear eye protection.</p> <p>P280: Wear face protection.</p> <p>P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</p> <p>P310: Immediately call a doctor.</p>

	<p>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of container to a disposal facility in accordance with local regulations.</p>
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4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description

Table 1

Disinfection of hard surfaces in hospitals and other health care institutions

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in hospitals and other health care institutions.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack sprayer). Manual application by pouring or spraying followed by wiping or mopping.</p> <p>Detailed description: —</p>

Application rate(s) and frequency	Application rate: Trigger spray: 0,030 - 0,060 litre/m ² Watering can: 0,19 - 1,92 litre/m ² Knapsack or backpack spray: 0,181 litre/m ² Pouring or spraying followed by wiping or mopping: 0,030 - 0,060 litre/m ² Dilution: 3 % - 21 % Number and timing of application: Apply in addition to daily cleaning; 10 applications per day shall not be exceeded. Temperature: room temperature.
Category(ies) of users	Professional
Pack sizes and packaging material	1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE) 220 L HDPE drums with HDPE screw cap (with pressure release membrane); 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.

4.1.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Prepare a dilution of the product manually in a bucket, watering can, trigger spray or knapsack sprayer:

- for bacteria and yeasts: dilute the product to 3 % (v/v; 30 ml product, add water to 1 litre).
- for bacteria, yeasts and fungi: dilute the product to 12 % (v/v; 120 ml product, add water to 1 litre).
- for bacteria, yeasts, fungi and viruses: dilute the product to 18 % (v/v; 180 ml product, add water to 1 litre).
- for bacteria, mycobacteria, yeasts, fungi and viruses: dilute the product to 21 % (v/v; 210 ml product, add water to 1 litre).

or

Prepare a dilution of the product in a bucket, watering can, trigger spray or knapsack sprayer by means of an automated dosage system according to the use instructions of the apparatus.

Subsequently pour the diluted product on the floor or apply the product with a trigger spray or knapsack sprayer. Make sure that the surface remains wet for at least 5 minutes.

The dilution is intended for immediate use.

Where gas filters (RPE) are required, training must be ensured for the users.

4.1.2. Use-specific risk mitigation measures

Mixing and loading – Manual (undiluted):

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Ensure adequate ventilation (at least 3 air changes per hour) during mixing and loading.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

21 % in-use dilution

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.

Application – spraying – trigger spray (21 % dilution):

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $< 1\,000\text{ m}^3$, a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

18 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.

- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

12 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open). Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

3 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.1.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.1.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.1.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.2. Use description

Table 2

Disinfection of hard surfaces in non-food industry and laboratories

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in non-food industry and laboratories.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack sprayer). Manual application by pouring or spraying followed by wiping or mopping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m² Pouring or spraying followed by wiping or mopping: 0,030 - 0,060 litre/m²</p> <p>Dilution: 3 % - 21 %</p> <p>Number and timing of application: Apply in addition to daily cleaning; 10 applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane);</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.</p>

4.2.1. *Use-specific instructions*

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Prepare a dilution of the product manually in a bucket, watering can, trigger spray or knapsack sprayer:

- for bacteria and yeasts: dilute the product to 3 % (v/v; 30 ml product, add water to 1 litre).
- for bacteria, yeasts, and fungi: dilute the product to 12 % (v/v; 120 ml product, add water to 1 litre).
- for bacteria, yeasts, fungi, and viruses: dilute the product to 18 % (v/v; 180 ml product, add water to 1 litre).
- for bacteria, mycobacteria, yeasts, fungi, and viruses: dilute the product to 21 % (v/v; 210 ml product, add water to 1 litre).

or

Prepare a dilution of the product in a bucket, watering can, trigger spray or knapsack sprayer by means of an automated dosage system according to the use instructions of the apparatus.

Subsequently pour the diluted product on the floor or apply the product with a trigger spray or knapsack sprayer. Make sure that the surface remains wet for at least 5 minutes.

The dilution is intended for immediate use.

Where gas filters (RPE) are required, training must be ensured for the users.

4.2.2. *Use-specific risk mitigation measures*

Mixing and loading – Manual (undiluted):

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Ensure adequate ventilation (at least 3 air changes per hour) during mixing and loading.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

21 % in-use dilution

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.

Application – spraying – trigger spray (21 % dilution):

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume ≥ 1 000 m³.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $< 1\,000\text{ m}^3$, a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

18 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms $< 100\text{ m}^3$ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

12 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open). Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms $< 1\,000\text{ m}^3$. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

3 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.

- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.2.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.2.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.2.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in sections general instructions for use of the meta SPC.

4.3. **Use description**

Table 3

Disinfection of hard surfaces in areas other than hospitals and care institutions where humans reside

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in areas other than hospitals and care institutions where humans reside.</p>
Application method(s)	<p>Method: Manual application, by pouring, mopping, or spraying (trigger spray or knapsack sprayer). Manual application by pouring or spraying followed by wiping or mopping.</p> <p>Detailed description: —</p>

Application rate(s) and frequency	Application rate: Trigger spray: 0,030 - 0,060 litre/m ² Watering can: 0,19 - 1,92 litre/m ² Knapsack or backpack spray: 0,181 litre/m ² Pouring or spraying followed by wiping or mopping: 0,030 - 0,060 litre/m ² Dilution: 3 % - 21 % Number and timing of application: Apply in addition to daily cleaning; 10 applications per day shall not be exceeded. Temperature: room temperature
Category(ies) of users	Professional
Pack sizes and packaging material	1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE) 220 L HDPE drums with HDPE screw cap (with pressure release membrane); 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.

4.3.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Prepare a dilution of the product manually in a bucket, watering can, trigger spray or knapsack sprayer:

- for bacteria and yeasts: dilute the product to 3 % (v/v; 30 ml product, add water to 1 litre).
- for bacteria, yeasts, and fungi: dilute the product to 12 % (v/v; 120 ml product, add water to 1 litre).
- for bacteria, yeasts, fungi, and viruses: dilute the product to 18 % (v/v; 180 ml product, add water to 1 litre).
- for bacteria, mycobacteria, yeasts, fungi, and viruses: dilute the product to 21 % (v/v; 210 ml product, add water to 1 litre).

or

Prepare a dilution of the product in a bucket, watering can, trigger spray or knapsack sprayer by means of an automated dosage system according to the use instructions of the apparatus.

Subsequently pour the diluted product on the floor or apply the product with a trigger spray or knapsack sprayer. Make sure that the surface remains wet for at least 5 minutes.

The dilution is intended for immediate use.

Where gas filters (RPE) are required, training must be ensured for the users.

4.3.2. Use-specific risk mitigation measures

Mixing and loading – Manual (undiluted):

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Ensure adequate ventilation (at least 3 air changes per hour) during mixing and loading.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

21 % in-use dilution

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.

Application – spraying – trigger spray (21 % dilution):

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $< 1\,000\text{ m}^3$, a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

18 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.

- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

12 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open). Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

3 % in-use dilution

Application – spraying – trigger spray :

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.3.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.3.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.3.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section general use instructions for use of the meta SPC.

4.4. Use description

Table 4

Disinfection of surfaces in swimming pools

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in swimming pools.</p>
Application method(s)	<p>Method: Manual application, by pouring, mopping, cloth or spraying (trigger spray or knapsack sprayer). Manual application by pouring or spraying followed by wiping or mopping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Estimated use of diluted product: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m² Pouring or spraying followed by wiping or mopping: 0,030 - 0,060 litre/m²</p> <p>Dilution: 3 % - 21 %</p> <p>Number and timing of application: Apply in addition to daily cleaning; 10 applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane);</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.</p>

4.4.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Prepare a dilution of the product manually in a bucket, watering can, trigger spray or knapsack sprayer:

- for bacteria and yeasts: the product should be diluted to 3 % (v/v; 30 ml product, add water to 1 L).
- for bacteria, yeasts and fungi: the product should be diluted to 12 % (v/v; 120 ml product, add water to 1 L).
- for bacteria, yeasts, fungi and viruses: the product should be diluted to 18 % (v/v; 180 ml product, add water to 1 L).
- for bacteria, mycobacteria yeasts, fungi and viruses: the product should be diluted to 21 % (v/v; 210 ml product, add water to 1 L).

or

Prepare a dilution of the product in a bucket, watering can, trigger spray or knapsack sprayer by means of an automated dosage system according the use instructions of the apparatus.

Subsequently pour the diluted product on the floor or apply the product with a trigger spray or knapsack sprayer. Make sure that the surface remains wet for at least 5 minutes.

The dilution is intended for immediate use.

Where gas filters (RPE) are required, training must be ensured for the users.

4.4.2. Use-specific risk mitigation measures

Mixing and loading – Manual (undiluted):

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Ensure adequate ventilation (at least 3 air changes per hour) during mixing and loading.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

21 % in-use dilution

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.

Application – spraying – trigger spray (21 % dilution):

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume ≥ 1 000 m³.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $< 1\,000\text{ m}^3$, a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

18 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms $< 100\text{ m}^3$ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

12 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open). Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

3 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.4.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.4.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.4.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.5. **Use description**

Table 5

Disinfection of surfaces in accomodations and adjacent rooms for animals

Product type	PT03: Veterinary hygiene
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in accommodations and adjacent rooms for animals.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack sprayer). Manual application by pouring or spraying followed by wiping or mopping.</p> <p>Detailed description: —</p>

Application rate(s) and frequency	Application rate: Trigger spray: 0,030 - 0,060 litre/m ² Watering can: 0,19 - 1,92 litre/m ² Knapsack or backpack spray: 0,181 litre/m ² Pouring or spraying followed by wiping or mopping: 0,030 - 0,060 litre/m ² Dilution: 6 % - 18 % Number and timing of application: Apply in addition to daily cleaning; 10 applications per day shall not be exceeded.
Category(ies) of users	Professional
Pack sizes and packaging material	1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE) 220 L HDPE drums with HDPE screw cap (with pressure release membrane); 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.

4.5.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Prepare a dilution of the product manually in a bucket, watering can, trigger spray or knapsack sprayer and apply this use dilution:

- for bacteria and yeasts: the product should be diluted to 6 % (v/v; 60 ml product, add water to 1 L) and the surface should remain wet at least 5 minutes.
- for bacteria, mycobacteria and yeasts: the product should be diluted to 18 % (v/v; 180 ml product, add water to 1 L) and the surface should remain wet at least 5 minutes.

or

Prepare a dilution of the product in a bucket, watering can, trigger spray or knapsack sprayer by means of an automated dosage system according to the use instructions of the apparatus.

Subsequently pour the diluted product on the floor under feed troughs or apply the product with a trigger spray or knapsack sprayer. Make sure that the surface remains wet for at least 5 minutes.

The dilution is intended for immediate use.

Where gas filters (RPE) are required, training must be ensured for the users.

4.5.2. Use-specific risk mitigation measures

Mixing and loading – Manual (undiluted):

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.

- Ensure adequate ventilation (at least 3 air changes per hour) during mixing and loading.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

18 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Animals must be kept away from treated areas until surfaces are dry.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.

- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – pouring:

- Pouring application should take place under feed troughs.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

6 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms $< 100\text{ m}^3$ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – pouring:

- Pouring application should take place under feed troughs.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN Standards.

4.5.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.5.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.5.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.6. **Use description**

Table 6

Disinfection of surfaces in the food industry

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data

	<p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in the food industry.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack sprayer). Manual application by pouring or spraying followed by wiping or mopping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m² Pouring or spraying followed by wiping or mopping: 0,030 - 0,060 litre/m²</p> <p>Dilution: 3 % - 21 %</p> <p>Number and timing of application: Apply in addition to daily cleaning; 3 applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane);</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.</p>

4.6.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Prepare a dilution of the product manually in a bucket, watering can, trigger spray or knapsack sprayer:

- for bacteria, yeasts, and viruses: dilute the product to 3 % (v/v; 30 ml product, add water to 1 L).
- for bacteria, yeasts, fungi and viruses: dilute the product to 12 % (v/v; 120 ml product, add water to 1 L).

- for bacteria, mycobacteria, yeasts, fungi and viruses: dilute the product to 21 % (v/v; 210 ml product, add water to 1 L).

or

Prepare a dilution of the product in a bucket, watering can, trigger spray or knapsack sprayer by means of an automated dosage system according to the use instructions of the apparatus.

Subsequently pour the diluted product on the floor or apply the product with a trigger spray or knapsack sprayer. Make sure that the surface remains wet for at least 5 minutes.

The dilution is intended for immediate use.

Where gas filters (RPE) are required, training must be ensured for the users.

4.6.2. Use-specific risk mitigation measures

Mixing and loading – Manual (undiluted):

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Ensure adequate ventilation (at least 3 air changes per hour) during mixing and loading.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

21 % in-use dilution

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.

Application – spraying – trigger spray (21 % dilution):

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.

- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $< 1\,000\text{ m}^3$, a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

18 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms $< 100\text{ m}^3$ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms $< 1\,000\text{ m}^3$. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.

- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

12 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms $< 100\text{ m}^3$ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open). Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms $< 1\,000\text{ m}^3$. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

3 % in-use dilution

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Do not use near domestic animals or livestock.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.6.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.6.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.6.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.7. **Use description**

Table 7

Disinfection of inner surfaces of installations coming into contact with water (potable water systems for humans and animals and process water)

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria including <i>Legionella</i> spp Development stage: no data
Field(s) of use	Indoor use Disinfection of inner surfaces of installations coming into contact with water that are temporarily not in use during disinfection (potable water systems for humans and animals and process water).
Application method(s)	Method: other filling of water system with dilution of product. Detailed description: —
Application rate(s) and frequency	Application rate: — Dilution: 2,65 % Number and timing of application: Apply when the microbiological contamination of the water in or supplied by the system exceeds defined values. These values may vary for the different areas where and for which applications the water is used and may be subject to local regulations. Microbiological contamination is assessed by culturing the micro-organisms in water samples and is expressed as the number of colony forming units (CFU's) per volume of water. Temperature: room temperature.
Category(ies) of users	Professional
Pack sizes and packaging material	1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE) 220 L HDPE drums with HDPE screw cap (with pressure release membrane); 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.

4.7.1. *Use-specific instructions*

Clean the inner surfaces of the system.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Prepare a 2,65 % product dilution (v/v) of the product by means of an automated dosing system attached to the water system. Fill the system with the diluted product and let the use solution remain in the water system for at least 5 minutes. Subsequently remove the working solution and flush the system with clean water until the concentration of active substances is below the accepted limit values (to be measured by means of peroxide test strips).

4.7.2. *Use-specific risk mitigation measures*

During treatment the water cannot be used for consumption.

4.7.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.7.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.7.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

5. **GENERAL DIRECTIONS FOR USE OF THE META SPC 2**

5.1. **Instructions for use**

See use specific instructions for use.

5.2. **Risk mitigation measures**

See use specific risk mitigation measures for use.

5.3. **Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF SWALLOWED: Immediately rinse mouth. Give something to drink if exposed person is able to swallow. Do NOT induce vomiting. Call 112 or an ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112 or an ambulance for medical assistance. Information to Healthcare personnel/doctor: The eyes should also be rinsed repeatedly on the way to the doctor if eye exposure to alkaline chemicals (pH > 11), amines and acids like acetic acid, formic acid or propionic acid

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. If symptoms: Call 112 or an ambulance for medical assistance. If no symptoms: Call a POISON CENTRE or a doctor.

Avoid release of the product to the environment.

5.4. Instructions for safe disposal of the product and its packaging

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Shelf life: 24 months.

Store in the original container at room temperature. Store away from light. Protect from frost.

6. OTHER INFORMATION

Professionals (including industrial, professionals) mean trained professional if this is required by national legislation.

The full titles of the EN standards referenced in the Risk mitigation measures are:

EN 13832 – Footwear protecting against chemicals

EN ISO 374 – Protective gloves against dangerous chemicals and micro-organisms

EN 12941 – Respiratory protective devices – Powered filtering devices incorporating a loose fitting respiratory interface

EN 166 – Eye protection against chemicals

EN 14605 – Protective clothing against liquid chemicals – Performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4]).

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC) (OJ L 131, 5.5.1998, p. 11).

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 2

7.1. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)			TevanPanox 1816	Market area: EU	
Authorisation number			EU-0032875-0002 1-2		
Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Peracetic acid		active substance	79-21-0	201-186-8	0,5667 % (w/w)
Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	15,75 % (w/w)
Polyphosphoric acid	Polyphosphoric acids	non-active substance	8017-16-1	232-417-0	0,664 % (w/w)
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,2429 % (w/w)

1. META SPC 3 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 3 identifier

Identifier	Meta SPC: Tevan Panox 500
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1.2. Suffix to the authorisation number

Number	1-3
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1.3. Product type(s)

Product type(s)	PT02: Disinfectants and algacides not intended for direct application to humans or animals PT04: Food and feed area
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2. META SPC 3 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 3

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Peracetic acid		active substance	79-21-0	201-186-8	0,1799 - 0,1799 % (w/w)
Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	5 - 5 % (w/w)
Polyphosphoric acid	Polyphosphoric acids	non-active substance	8017-16-1	232-417-0	0,2108 - 0,2108 % (w/w)
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,0771 - 0,0771 % (w/w)

2.2. Type(s) of formulation of the meta SPC 3

Formulation type(s)	AL Any other liquid
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 3

Hazard statements	H290: May be corrosive to metals. H314: Causes severe skin burns and eye damage. H412: Harmful to aquatic life with long lasting effects. EUH071: Corrosive to the respiratory tract.
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Precautionary statements	<p>P234: Keep only in original packaging.</p> <p>P390: Absorb spillage to prevent material damage.</p> <p>P260: Do not breathe vapours.</p> <p>P273: Avoid release to the environment.</p> <p>P280: Wear eye protection.</p> <p>P280: Wear protective gloves.</p> <p>P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P310: Immediately call a doctor.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of container to a disposal facility in accordance with local regulations.</p>
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4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description

Table 1

Disinfection of hard surfaces in hospitals and other health care institutions – RTU

Product type	PT02: Disinfectants and algacides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>

Field(s) of use	Indoor use Disinfection of hard non-porous surfaces in hospitals and other health care institutions.
Application method(s)	Method: fogging Detailed description: —
Application rate(s) and frequency	Application rate: 12 ml / m ³ No dilution, the product is ready to use (RTU). Number and timing of application: Apply no more than once per day per room to be disinfected. A professional should perform filling of the fogger at maximum ten times per day, e.g. if multiple rooms will be disinfected on the same day. Room temperature Relative humidity: 40-96 % Room size: 30 - 150 m ³
Category(ies) of users	Trained professional
Pack sizes and packaging material	1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)

4.1.1. Use-specific instructions

Room (30 -150 m³) disinfection by fogging. Is only permitted by trained professionals. For details regarding certification of the applicator and use of the product and equipment (HaloFogger). Reference is made to the protocol room disinfection which is supplied with the product or fogging apparatus.

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Before treatment, open drawers, closets, cabinet doors etc. to permit exposure to the nebulized product, and dry wet surfaces.

Cover all openings such as inlet and outlet of air-conditioning systems.

Fill the HaloFogger and set the fogging time (See instruction manual) and a dosage of 12 ml/m³.

Activate the HaloFogger and leave the room.

Keep the room closed at least during the contact time of 90 minutes. The contact time of 90 minutes starts at the moment that the concentration of 12 ml product / m³ is completely nebulized into the room.

The user shall always carry out a microbiological validation of the disinfection in the rooms to be disinfected (or in a suitable standard room, if applicable) with the devices to be used, after which a protocol for disinfection of these rooms can be made and used thereafter.

4.1.2. Use-specific risk mitigation measures

- During the diffusion, keep the room closed and do not enter in. Treatment shall be conducted with no human or animals present.
- All gaps present in the room (e.g. window frame) from where fog may leak shall be sealed beforehand.

- Ensure that access to the vapor-treated area is denied during the whole procedure with a warning sign.
- For re-entry, the undercut of AEC inhalation of 1,25 mg/m³ or a lower relevant national reference value for airborne hydrogen peroxide shall be ensured with a calibrated sensor. The trained professional user may enter the room only in emergency situations when the hydrogen peroxide level has dropped below 36 ppm (50 mg/m³) confirmed by a calibrated sensor wearing mandatory the following PPE: RPE with APF 40 according to EN 12942 or equivalent (Type of RPE to be specified by the authorisation holder within the product information) and suitable protective equipment:
 - gloves consistent with EN ISO 374 or equivalent
 - eye protection (chemical goggles) consistent with EN 166,
 - coverall of at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- A built-in meter (calibrated sensor) should be used to ensure that the concentration of hydrogen peroxide has decreased below 0,9 ppm or a lower relevant national reference value for airborne hydrogen peroxide. Unprotected persons or animals may re-enter the treated room only after the hydrogen peroxide concentration in air decreases lower than 1,25 mg/m³ (0,9 ppm) or a lower relevant national reference value for airborne hydrogen peroxide.

Control measurements shall be performed before entering the room. Re-entry without protective equipment is only allowed when safe working levels are measured in the air.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.1.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.1.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.1.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.2. **Use description**

Table 2

Disinfection of hard surfaces in Non-food industry and laboratories – RTU

Product type	PT02: Disinfectants and algacides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data

	Scientific name: no data Common name: Yeasts Development stage: no data Scientific name: no data Common name: Fungi Development stage: no data Scientific name: no data Common name: Mycobacteria Development stage: no data Scientific name: no data Common name: Viruses Development stage: no data
Field(s) of use	Indoor use Disinfection of hard non-porous surfaces in non-food industry and laboratories.
Application method(s)	Method: fogging Detailed description: —
Application rate(s) and frequency	Application rate: 12 ml / m ³ No dilution, the product is ready to use (RTU). Number and timing of application: Apply no more than once per day per room to be disinfected. A professional should perform filling of the fogger at maximum ten times per day, e.g. if multiple rooms will be disinfected on the same day. Room temperature Relative humidity: 40-96 % Room size: 30 – 150 m ³
Category(ies) of users	Trained professional
Pack sizes and packaging material	1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)

4.2.1. Use-specific instructions

Room (30 -150 m³) disinfection by fogging. Is only permitted by trained professionals. For details regarding certification of the applicator and use of the product and equipment (HaloFogger). Reference is made to the protocol room disinfection which is supplied with the product or fogging apparatus.

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Before treatment, open drawers, closets, cabinet doors etc. to permit exposure to the nebulized product, and dry wet surfaces.

Cover all openings such as inlet and outlet of air-conditioning systems.

Fill the HaloFogger and set the fogging time (See instruction manual) and a dosage of 12 ml / m³.

Activate the HaloFogger and leave the room.

Keep the room closed at least during the contact time of 90 minutes. The contact time of 90 minutes starts at the moment that the concentration of 12 ml product / m³ is completely nebulized into the room.

The user shall always carry out a microbiological validation of the disinfection in the rooms to be disinfected (or in a suitable standard room, if applicable) with the devices to be used, after which a protocol for disinfection of these rooms can be made and used thereafter.

4.2.2. Use-specific risk mitigation measures

- During the diffusion, keep the room closed and do not enter in. Treatment should be conducted with no human or animals present.
- All gaps present in the room (e.g. window frame) from where fog may leak should be sealed beforehand.
- Ensure that access to the vapor-treated area is denied during the whole procedure with a warning sign.
- For re-entry, the undercut of AECinhalation of 1,25 mg/m³ or a lower relevant national reference value for airborne hydrogen peroxide shall be ensured with a calibrated sensor. The trained professional user may enter the room only in emergency situations when the hydrogen peroxide level has dropped below 36 ppm (50 mg/m³) confirmed by a calibrated sensor wearing mandatory the following PPE: RPE with APF 40 according to EN 12942 or equivalent (Type of RPE to be specified by the authorisation holder within the product information) and suitable protective equipment:
 - gloves consistent with EN ISO 374 or equivalent
 - eye protection (chemical goggles) consistent with EN 166
 - coverall of at least type 4, consistent with EN 14605 or equivalent which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- A built-in meter (calibrated sensor) should be used to ensure that the concentration of hydrogen peroxide has decreased below 0,9 ppm or a lower relevant national reference value for airborne hydrogen peroxide. Unprotected persons or animals may re-enter the treated room only after the hydrogen peroxide concentration in air decreases lower than 1,25 mg/m³ (0,9 ppm) or a lower relevant national reference value for airborne hydrogen peroxide.

Control measurements shall be performed before entering the room. Re-entry without protective equipment is only allowed when safe working levels are measured in the air.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.2.3. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See General directions for use of the meta SPC.

4.2.4. Where specific to the use, the instructions for safe disposal of the product and its packaging

Keep only in original container Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.2.5. Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See storage conditions in section General directions for use of the meta SPC.

4.3. Use description

Table 3

Disinfection of hard non-porous surfaces in areas other than hospitals and care institutions where humans reside – RTU

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard surfaces in areas other than hospitals and care institutions where humans reside.</p>
Application method(s)	<p>Method: fogging</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: 12 ml / m³</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply no more than once per day per room to be disinfected. A professional should perform filling of the fogger at maximum ten times per day, e.g. if multiple rooms will be disinfected on the same day.</p> <p>Room temperature Relative humidity: 40-96 % Room size: 30 – 150 m³</p>
Category(ies) of users	Trained professional
Pack sizes and packaging material	<p>1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)</p>

4.3.1. Use-specific instructions

Room (30 -150 m³) disinfection by fogging. Is only permitted by trained professionals. For details regarding certification of the applicator and use of the product and equipment (HaloFogger). Reference is made to the protocol room disinfection which is supplied with the product or fogging apparatus.

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Before treatment, open drawers, closets, cabinet doors etc. to permit exposure to the nebulized product, and dry wet surfaces.

Cover all openings such as inlet and outlet of air-conditioning systems.

Fill the HaloFogger and set the fogging time (See instruction manual) and a dosage of 12 ml/m³.

Activate the HaloFogger and leave the room.

Keep the room closed at least during the contact time of 90 minutes. The contact time of 90 minutes starts at the moment that the concentration of 12 ml product / m³ is completely nebulized into the room.

The user shall always carry out a microbiological validation of the disinfection in the rooms to be disinfected (or in a suitable standard room, if applicable) with the devices to be used, after which a protocol for disinfection of these rooms can be made and used thereafter.

4.3.2. Use-specific risk mitigation measures

- During the diffusion, keep the room closed and do not enter in. Treatment should be conducted with no human or animals present.
- All gaps present in the room (e.g. window frame) from where fog may leak should be sealed beforehand.
- Ensure that access to the vapor-treated area is denied during the whole procedure with a warning sign.
- For re-entry, the undercut of AECinhalation of 1,25 mg/m³ or a lower relevant national reference value for airborne hydrogen peroxide shall be ensured with a calibrated sensor. The trained professional user may enter the room only in emergency situations when the hydrogen peroxide level has dropped below 36 ppm (50 mg/m³) confirmed by a calibrated sensor wearing mandatory the following PPE: RPE with APF 40 according to EN 12942 or equivalent (Type of RPE to be specified by the authorisation holder within the product information) and suitable protective equipment:
 - gloves consistent with EN ISO 374 or equivalent
 - eye protection (chemical goggles) consistent with EN 166
 - coverall of at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- A built-in meter (calibrated sensor) should be used to ensure that the concentration of hydrogen peroxide has decreased below 0,9 ppm or a lower relevant national reference value for airborne hydrogen peroxide. Unprotected persons or animals may re-enter the treated room only after the hydrogen peroxide concentration in air decreases lower than 1,25 mg/m³ (0,9 ppm) or a lower relevant national reference value for airborne hydrogen peroxide.

Control measurements shall be performed before entering the room. Re-entry without protective equipment is only allowed when safe working levels are measured in the air.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.3.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.3.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.3.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.4. **Use description**

Table 4

Disinfection of surfaces in the food industry – RTU

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in the food industry.</p>
Application method(s)	<p>Method: fogging</p> <p>Detailed description: —</p>

Application rate(s) and frequency	<p>Application rate: 12 ml / m³</p> <p>No dilution, the product is ready to use.</p> <p>Number and timing of application: Apply no more than once per day per room to be disinfected. A professional should perform filling of the fogger at maximum ten times per day, e.g. if multiple rooms will be disinfected on the same day.</p> <p>Room temperature Relative humidity: 40-96 % Room size: 30 – 150 m³</p>
Category(ies) of users	Trained professional
Pack sizes and packaging material	<p>1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)</p>

4.4.1. Use-specific instructions

Room (30 -150 m³) disinfection by fogging. Is only permitted by trained professionals. For details regarding certification of the applicator and use of the product and equipment (HaloFogger). Reference is made to the protocol room disinfection which is supplied with the product or fogging apparatus.

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Before treatment, open drawers, closets, cabinet doors etc. to permit exposure to the nebulized product, and dry wet surfaces.

Cover all openings such as inlet and outlet of air-conditioning systems.

Fill the HaloFogger and set the fogging time (See instruction manual) and a dosage of 12 ml/m³.

Activate the HaloFogger and leave the room.

Keep the room closed at least during the contact time of 90 minutes. The contact time of 90 minutes starts at the moment that the concentration of 12 ml product / m³ is completely nebulized into the room.

The user shall always carry out a microbiological validation of the disinfection in the rooms to be disinfected (or in a suitable standard room, if applicable) with the devices to be used, after which a protocol for disinfection of these rooms can be made and used thereafter.

4.4.2. Use-specific risk mitigation measures

- During the diffusion, keep the room closed and do not enter in. Treatment should be conducted with no human or animals present.
- All gaps present in the room (e.g. window frame) from where fog may leak should be sealed beforehand.
- Ensure that access to the vapor-treated area is denied during the whole procedure with a warning sign.

- For re-entry, the undercut of AECinhalation of 1,25 mg/m³ or a lower relevant national reference value for airborne hydrogen peroxide shall be ensured with a calibrated sensor. The trained professional user may enter the room only in emergency situations when the hydrogen peroxide level has dropped below 36 ppm (50 mg/m³) confirmed by a calibrated sensor wearing mandatory the following PPE: RPE with APF 40 according to EN 12942 or equivalent (Type of RPE to be specified by the authorisation holder within the product information) and suitable protective equipment:
 - gloves consistent with EN ISO 374 or equivalent
 - eye protection (chemical goggles) consistent with EN 166
 - coverall of at least type 4, consistent with EN 14605 or equivalent which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- A built-in meter (calibrated sensor) should be used to ensure that the concentration of hydrogen peroxide has decreased below 0,9 ppm or a lower relevant national reference value for airborne hydrogen peroxide. Unprotected persons or animals may re-enter the treated room only after the hydrogen peroxide concentration in air decreases lower than 1,25 mg/m³ (0,9 ppm) or a lower relevant national reference value for airborne hydrogen peroxide.

Control measurements shall be performed before entering the room. Re-entry without protective equipment is only allowed when safe working levels are measured in the air.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.4.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.4.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.4.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

5. **GENERAL DIRECTIONS FOR USE OF THE META SPC 3**

5.1. **Instructions for use**

See Use-specific instructions for use.

5.2. **Risk mitigation measures**

See risk mitigation measures for specific uses.

5.3. **Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. If symptoms: Call 112 or an ambulance for medical assistance. If no symptoms: Call a POISON CENTRE or a doctor.

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112 or an ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112 or an ambulance for medical assistance. Information to Healthcare personnel/doctor: The eyes should also be rinsed repeatedly on the way to the doctor if eye exposure to alkaline chemicals (pH > 11), amines and acids like acetic acid, formic acid or propionic acid.

Avoid release of the product to the environment.

5.4. Instructions for safe disposal of the product and its packaging

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Shelf life: 24 months.

Store in the original container at room temperature. Store away from light. Protect from frost.

6. OTHER INFORMATION

Professionals (including industrial, professionals) mean trained professional if this is required by national legislation.

The full titles of the EN standards referenced in the Risk mitigation measures are:

EN ISO 374 – Protective gloves against dangerous chemicals and micro-organisms

EN 12942 – Respiratory protective devices – Powered filtering devices incorporating full face masks, half masks or quarter masks – Requirements, testing, marking

EN 166 – Eye protection against chemicals

EN 14605 – Protective clothing against liquid chemicals – Performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4]).

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC) (OJ L 131, 5.5.1998, p. 11).

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 3

7.1. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)			Tevan Panox 500	Market area: EU		
			Halox 5	Market area: EU		
Authorisation number			EU-0032875-0003 1-3			
Common name	IUPAC name	Function	CAS number	EC number	Content (%)	
Peracetic acid		active substance	79-21-0	201-186-8	0,1799 % (w/w)	

Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	5 % (w/w)
Polyphosphoric acid	Polyphosphoric acids	non-active substance	8017-16-1	232-417-0	0,2108 % (w/w)
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,0771 % (w/w)

1. META SPC 4 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 4 identifier

Identifier	Meta SPC: Tevan Panox 350
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1.2. Suffix to the authorisation number

Number	1-4
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1.3. Product type(s)

Product type(s)	PT02: Disinfectants and algacides not intended for direct application to humans or animals PT03: Veterinary hygiene PT04: Food and feed area
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2. META SPC 4 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 4

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Peracetic acid		active substance	79-21-0	201-186-8	0,1259 - 0,1259 % (w/w)
Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	3,5 - 3,5 % (w/w)
Polyphosphoric acid	Polyphosphoric acids	non-active substance	8017-16-1	232-417-0	0,1476 - 0,1476 % (w/w)
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,054 - 0,054 % (w/w)

2.2. Type(s) of formulation of the meta SPC 4

Formulation type(s)	AL Any other liquid
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3. **HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 4**

Hazard statements	H314: Causes severe skin burns and eye damage. H412: Harmful to aquatic life with long lasting effects. EUH071: Corrosive to the respiratory tract.
Precautionary statements	P260: Do not breathe spray. P280: Wear protective gloves. P280: Wear eye protection. P280: Wear protective clothing. P280: Wear face protection. P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P310: Immediately call a doctor. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P363: Wash contaminated clothing before reuse. P273: Avoid release to the environment. P405: Store locked up. P501: Dispose of container to a disposal facility in accordance with local regulations.

4. **AUTHORISED USE(S) OF THE META SPC**4.1. **Use description**

Table 1

Disinfection of hard surfaces in hospitals and other health care institutions – RTU

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data Scientific name: no data Common name: Fungi Development stage: no data

	Scientific name: no data Common name: Mycobacteria Development stage: no data Scientific name: no data Common name: Viruses Development stage: no data
Field(s) of use	Indoor use Disinfection of hard non-porous surfaces in hospitals and other health care institutions.
Application method(s)	Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping. Detailed description: —
Application rate(s) and frequency	Application rate: Trigger spray: 0,030 - 0,060 litre/m ² Watering can: 0,19 - 1,92 litre/m ² Knapsack or backpack spray: 0,181 litre/m ² No dilution, the product is ready to use (RTU). Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. 10 applications per day shall not be exceeded. Temperature: room temperature.
Category(ies) of users	Professional
Pack sizes and packaging material	0,75 and 1 L HDPE bottle with trigger spray (stainless steel and PE) with pressure release valve. 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE) 220 L HDPE drums with HDPE screw cap (with pressure release membrane); 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.

4.1.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

4.1.2. Use-specific risk mitigation measures

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume ≥ 1 000 m³.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.

- Unprotected persons must be kept away from treated areas until surfaces are dry.
- Do not use near domestic animals or livestock.
- No access of third parties during application or treatment.
- Animals must be kept away from treated areas until surfaces are dry.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 1 000 m³ a protection factor of 10 is mandatory At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application
- Use only in rooms with a volume ≥ 1 000 m³.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 1 000 m³, a protection factor of 10 is mandatory At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Unprotected persons must be kept away from treated areas until surfaces are dry.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.
- No access of third parties during application or treatment.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.1.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.1.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.1.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section general directions for use of the meta SPC.

4.2. Use description

Table 2

Disinfection of hard surfaces in non-food industry and laboratories – RTU

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in non-food industry and laboratories.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m²</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. 10 applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>

Category(ies) of users	Professional
Pack sizes and packaging material	0,75 and 1 L HDPE bottle with trigger spray (stainless steel and PE) with pressure release valve. 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE) 220 L HDPE drums with HDPE screw cap (with pressure release membrane); 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.

4.2.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

4.2.2. Use-specific risk mitigation measures

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.

- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Unprotected persons must be kept away from treated areas until surfaces are dry.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $< 1\,000\text{ m}^3$ a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $< 1\,000\text{ m}^3$ a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Unprotected persons must be kept away from treated areas until surfaces are dry.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.
- No access of third parties during application or treatment.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.2.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.2.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.2.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.3. **Use description**

Table 3

Disinfection of hard surfaces in areas other than hospitals and care institutions where humans reside – RTU

Product type	PT02: Disinfectants and algacides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data

	<p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in areas other than hospitals and care institutions where humans reside.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m²</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. Ten applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>0,75 and 1 L HDPE bottle with trigger spray (stainless steel and PE) with pressure release valve.</p> <p>0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane);</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.</p>

4.3.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

4.3.2. Use-specific risk mitigation measures

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume ≥ 1 000 m³.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open) Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Unprotected persons must be kept away from treated areas until surfaces are dry.

- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open) Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 1 000 m³ a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open) Use only in rooms with a volume ≥ 1 000 m³
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent mandatory. If the product is used in rooms < 1 000 m³ a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Unprotected persons must be kept away from treated areas until surfaces are dry.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.
- No access of third parties during application or treatment.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.3.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.3.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.3.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.4. Use description

Table 4

Disinfection of surfaces in swimming pools – RTU

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data></p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces around swimming pools or in empty basins.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m²</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. 10 applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>

Category(ies) of users	Professional
Pack sizes and packaging material	0,75 and 1 L HDPE bottle with trigger spray (stainless steel and PE) with pressure release valve. 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE) 220 L HDPE drums with HDPE screw cap (with pressure release membrane); 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.

4.4.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

4.4.2. Use-specific risk mitigation measures

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Unprotected persons must be kept away from treated areas until surfaces are dry.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open) Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $< 1\,000\text{ m}^3$ a protection factor of 10 is mandatory At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $< 1\,000\text{ m}^3$ a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Unprotected persons must be kept away from treated areas until surfaces are dry.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.4.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.4.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.4.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.5. **Use description**

Table 5

Disinfection of surfaces in accommodations and adjacent rooms for animals – RTU

Product type	PT03: Veterinary hygiene
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data

	Scientific name: no data Common name: Mycobacteria Development stage: no data
Field(s) of use	Indoor use Disinfection of hard non-porous surfaces in accommodations and adjacent rooms for animals.
Application method(s)	Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping. Detailed description: Thoroughly clean the surfaces to be disinfected. Remove a cleaning agent, if used, with clean water. Remove excess of water. Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth. Take care that the surface remains wet during at least 5 minutes.
Application rate(s) and frequency	Application rate: Trigger spray: 0,030 - 0,060 litre/m ² Watering can: 0,19 - 1,92 litre/m ² Knapsack or backpack spray: 0,181 litre/m ² No dilution, the product is ready to use (RTU). Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. 10 applications per day shall not be exceeded.
Category(ies) of users	Professional
Pack sizes and packaging material	0,75 and 1 L HDPE bottle with trigger spray (stainless steel and PE) with pressure release valve. 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE) 220 L HDPE drums with HDPE screw cap (with pressure release membrane); 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.

4.5.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor under feed troughs or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

4.5.2. Use-specific risk mitigation measures

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume ≥ 1 000 m³.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Unprotected persons must be kept away from treated areas until surfaces are dry.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 1 000 m³, a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – pouring:

- Pouring application should take place under feed troughs.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume ≥ 1 000 m³.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 1 000 m³ a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.

- Unprotected persons must be kept away from treated areas until surfaces are dry.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

When means of protection are indicated, this is without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

See section 6 for the full reference to this act and the European standards.

4.5.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.5.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.5.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.6. **Use description**

Table 6

Disinfection of surfaces in the food industry – RTU

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data Scientific name: no data Common name: Fungi Development stage: no data Scientific name: no data Common name: Mycobacteria Development stage: no data Scientific name: no data Common name: Viruses Development stage: no data
Field(s) of use	Indoor use Disinfection of hard non-porous surfaces in the food industry.

Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: Thoroughly clean the surfaces to be disinfected. Remove a cleaning agent, if used, with clean water. Remove excess of water. Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth.</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m²</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. 3 applications per day shall not be exceeded. Temperature: room temperature.</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>0,75 and 1 L HDPE bottle with trigger spray (stainless steel / PE) with pressure release valve. 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE) 220 L HDPE drums with HDPE screw cap (with pressure release membrane); 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.</p>

4.6.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

4.6.2. Use-specific risk mitigation measures

Mixing and loading – Manual:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory.

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms $< 100 \text{ m}^3$ with a ventilation of < 3 air changes per hour a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction with a lance sprayer.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Wear a protective coverall (at least type 4, consistent with EN 14605 or equivalent) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Use only in rooms with a volume $\geq 1\,000 \text{ m}^3$.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Unprotected persons must be kept away from treated areas until surfaces are dry.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.

- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 1 000 m³ a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The use of eye protection (chemical goggles) consistent with EN 166 or equivalent during handling of the product is mandatory.
- Wear chemical resistant boots consistent with EN 13832 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent is mandatory. If the product is used in rooms < 1 000 m³ a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Unprotected persons must be kept away from treated areas until surfaces are dry.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.6.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.6.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.6.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.7. Use description

Table 7

Disinfection of inner surfaces of installations coming into contact with water (potable water systems for humans and animals and process water) – RTU

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: bacteria including legionella spp Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Mycobacteria Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of inner surfaces of installations coming into contact with water that are temporarily not in use during disinfection (potable water systems for humans and animals and process water).</p>
Application method(s)	<p>Method: Manual application, filling of water system with product.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: —</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply when the microbiological contamination of the water in or supplied by the system exceeds defined values. These values may vary for the different areas where and for which applications the water is used and may be subject to local regulations.</p> <p>Microbiological contamination is assessed by culturing the micro-organisms in water samples and is expressed as the number of colony forming units (CFU's) per volume of water.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>0,75 and 1 L HDPE bottle with trigger spray (stainless steel and PE) with pressure release valve.</p> <p>0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane);</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.</p>

4.7.1. *Use-specific instructions*

Clean the inner surfaces of the system.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Fill the system with the product and let the solution remain in the water system for at least 5 minutes. Subsequently remove the working solution and flush the system with clean water until the concentration of active substances is below the accepted limit values (to be measured by means of peroxide test strips).

4.7.2. *Use-specific risk mitigation measures*

During treatment the water cannot be used for consumption.

4.7.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.7.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.7.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

5. **GENERAL DIRECTIONS FOR USE OF THE META SPC 4**

5.1. **Instructions for use**

See use-specific instructions for use

5.2. **Risk mitigation measures**

For risk mitigation measures see specific uses.

5.3. **Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. If symptoms: Call 112 or an ambulance for medical assistance. If no symptoms: Call a POISON CENTRE or a doctor.

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112 or an ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112 or an ambulance for medical assistance. Information to Healthcare personnel/doctor: The eyes should also be rinsed repeatedly on the way to the doctor if eye exposure to alkaline chemicals (pH > 11), amines and acids like acetic acid, formic acid or propionic acid

Avoid release of the product to the environment.

5.4. Instructions for safe disposal of the product and its packaging

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Shelf life: 24 months.

Store in the original container at room temperature. Store away from light. Protect from frost.

6. OTHER INFORMATION

Professionals (including industrial, professionals) mean trained professional if this is required by national legislation.

The full titles of the EN standards referenced in the Risk mitigation measures are:

EN 13832 – Footwear protecting against chemicals

EN ISO 374 – Protective gloves against dangerous chemicals and micro-organisms

EN 12941 – Respiratory protective devices – Powered filtering devices incorporating a loose fitting respiratory interface

EN 166 – Eye protection against chemicals

EN 14605 – Protective clothing against liquid chemicals – Performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4]).

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC) (OJ L 131, 5.5.1998, p. 11).

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 4**7.1. Trade name(s), authorisation number and specific composition of each individual product**

Trade name(s)			Tevan Panox 350	Market area: EU	
Authorisation number			EU-0032875-0004 1-4		
Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Peracetic acid		active substance	79-21-0	201-186-8	0,1259 % (w/w)
Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	3,5 % (w/w)
Polyphosphoric acid	Polyphosphoric acids	non-active substance	8017-16-1	232-417-0	0,1476 % (w/w)
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,054 % (w/w)

1. META SPC 5 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 5 identifier

Identifier	Meta SPC: Tevan Panox 300
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1.2. Suffix to the authorisation number

Number	1-5
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1.3. Product type(s)

Product type(s)	PT02: Disinfectants and algacides not intended for direct application to humans or animals PT03: Veterinary hygiene PT04: Food and feed area
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2. META SPC 5 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 5

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Peracetic acid		active substance	79-21-0	201-186-8	0,1074 - 0,1074 % (w/w)
Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	2,9842 - 2,9842 % (w/w)
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,046 - 0,046 % (w/w)

2.2. Type(s) of formulation of the meta SPC 5

Formulation type(s)	AL Any other liquid
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 5

Hazard statements	H412: Harmful to aquatic life with long lasting effects.
Precautionary statements	P273: Avoid release to the environment. P501: Dispose of contents to a disposal facility in accordance with local regulations.

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description

Table 1

Disinfection of hard surfaces in hospitals and other health care institutions – RTU

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in hospitals and other health care institutions.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m²</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. Ten applications per day shall not be exceeded. Temperature: room temperature.</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>0,75 and 1 L HDPE bottle with trigger spray (stainless steel and PE) with pressure release valve.</p> <p>0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane);</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.</p>

4.1.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

4.1.2. Use-specific risk mitigation measures

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.

— No access of third parties during application or treatment.

— Do not use near domestic animals or livestock.

Application – pouring:

— Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.

— Ensure adequate ventilation (at least 3 air changes per hour) during application.

— Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.

— No access of third parties during application or treatment.

— Do not use near domestic animals or livestock.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.1.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.1.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.1.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.2. **Use description**

Table 2

Disinfection of hard surfaces in non-food industry and laboratories – RTU

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in non-food industry and laboratories.</p>

Application method(s)	Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping. Detailed description: —
Application rate(s) and frequency	Application rate: Trigger spray: 0,030 - 0,060 litre/m ² Watering can: 0,19 - 1,92 litre/m ² Knapsack or backpack spray: 0,181 litre/m ² No dilution, the product is ready to use (RTU). Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. Ten applications per day shall not be exceeded. Temperature: room temperature.
Category(ies) of users	Professional
Pack sizes and packaging material	0,75 and 1 L HDPE bottle with trigger spray (stainless steel and PE) with pressure release valve. 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE) 220 L HDPE drums with HDPE screw cap (with pressure release membrane); 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.

4.2.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

4.2.2. Use-specific risk mitigation measures

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.

- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms $< 1\,000\text{ m}^3$. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.2.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.2.4. Where specific to the use, the instructions for safe disposal of the product and its packaging

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.2.5. Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See storage conditions in section General directions for use of the meta SPC.

4.3. Use description

Table 3

Disinfection of hard surfaces in areas other than hospitals and care institutions where humans reside – RTU

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in areas other than hospitals and care institutions where humans reside.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² (Professional and Non-professional) Watering can: 0,19 - 1,92 litre/m² (only Professional) Knapsack or backpack spray: 0,181 litre/m² (only Professional)</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. 10 applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional; general public (non-professional)

Pack sizes and packaging material	<p>0,75 and 1 L HDPE bottle with trigger spray (stainless steel and PE) with pressure release valve. (Professional and Non-professional)</p> <p>0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve). (Professional and Non-professional)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE). (professional only)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane). (professional only)</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve. (professional only)</p>
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4.3.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

Comply with the instructions for use.

4.3.2. Use-specific risk mitigation measures

Application – spraying – trigger spray – professional:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume ≥ 1 000 m³.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- No access of third parties during application or treatment.

- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Use only in rooms with a volume ≥ 1 000 m³.

Application – spraying – trigger spray – non-professionals:

- Use in toilets: Do not apply onto areas larger than 1 m².

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.3.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

If medical advice is needed, have product container or label at hand.

See General directions for use of the meta SPC.

4.3.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.3.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

Keep out of reach of children and non-target animals or pets.

See storage conditions in section General directions for use of the meta SPC.

4.4. Use description

Table 4

Disinfection of surfaces in swimming pools RTU

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces around swimming pools or in empty basins.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² (Professional and Non-professional) Watering can: 0,19 - 1,92 litre/m² (only Professional) Knapsack or backpack spray: 0,181 litre/m² (only Professional)</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. Ten applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional; general public (non-professional)
Pack sizes and packaging material	<p>0,75 and 1 L HDPE bottle with trigger spray (stainless steel / PE) with pressure release valve. (Professional and Non-professional)</p> <p>0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve). (Professional and Non-professional)</p>

	5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE). (professional only) 220 L HDPE drums with HDPE screw cap (with pressure release membrane). (professional only) 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve. (professional only)
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4.4.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

4.4.2. Use-specific risk mitigation measures

Application – spraying – trigger spray – professional:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.4.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

If medical advice is needed, have product container or label at hand.

4.4.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.4.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

Keep out of reach of children and non-target animals or pets.

4.5. **Use description**

Table 5

Disinfection of surfaces in accommodations and adjacent rooms for animals – RTU

Product type	PT03: Veterinary hygiene
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data

	Scientific name: no data Common name: Yeasts Development stage: no data Scientific name: no data Common name: Mycobacteria Development stage: no data
Field(s) of use	Indoor use Disinfection of hard non-porous surfaces in accommodations and adjacent rooms for animals.
Application method(s)	Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping. Detailed description: —
Application rate(s) and frequency	Application rate: Trigger spray: 0,030 - 0,060 litre/m ² (Professional and Non-professional) Watering can: 0,19 - 1,92 litre/m ² (only Professional) Knapsack or backpack spray: 0,181 litre/m ² (only Professional) No dilution, the product is ready to use (RTU). Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. Ten applications per day shall not be exceeded.
Category(ies) of users	Professional; general public (non-professional)
Pack sizes and packaging material	0,75 and 1 L HDPE bottle with trigger spray (stainless steel / PE) with pressure release valve. (Professional and Non-professional) 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve). (Professional and Non-professional) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE). (professional only) 220 L HDPE drums with HDPE screw cap (with pressure release membrane). (professional only) 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve. (professional only)

4.5.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor under feed troughs or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

Comply with the instructions for use.

4.5.2. Use-specific risk mitigation measures

Application – spraying – trigger spray – professional:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – spraying – Knapsack or backpack sprayer:

- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Spraying is only allowed in the downward or horizontal direction.
- Use only in rooms with a volume ≥ 1 000 m³.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Animals must be kept away from treated areas until surfaces are dry.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – pouring:

- Pouring application should take place under feed troughs.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Contact of animals with the product and the end use dilution should be avoided.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.5.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

If medical advice is needed, have product container or label at hand.

4.5.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.5.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

Keep out of reach of children and non-target animals or pets.

4.6. **Use description**

Table 6

Disinfection of surfaces in the food industry – RTU

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data Scientific name: no data Common name: Fungi Development stage: no data Scientific name: no data Common name: Viruses Development stage: no data

Field(s) of use	Indoor use Disinfection of hard non-porous surfaces in the food industry.
Application method(s)	Method: Manual application by pouring or spraying (trigger spray or knapsack spraying followed by mopping or wiping). Detailed description: —
Application rate(s) and frequency	Application rate: Trigger spray: 0,030 - 0,060 litre/m ² (Professional and Non-professional) Watering can: 0,19 - 1,92 litre/m ² (only Professional) Knapsack or backpack spray: 0,181 litre/m ² (only Professional) No dilution, the product is ready to use (RTU). Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. Three applications per day shall not be exceeded. Temperature: room temperature.
Category(ies) of users	Professional; general public (non-professional)
Pack sizes and packaging material	0,75 and 1 L HDPE bottle with trigger spray (stainless steel / PE) with pressure release valve. (Professional and Non-professional) 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve). (Professional and Non-professional) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE). (professional only) 220 L HDPE drums with HDPE screw cap (with pressure release membrane). (professional only) 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve. (professional only)

4.6.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

Comply with the instructions for use.

4.6.2. Use-specific risk mitigation measures

Application – spraying – trigger spray – professional:

- Spraying is only allowed in the downward or horizontal direction.
- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.

Spraying is only allowed in the downward or horizontal direction.

- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 10 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Wear protective chemical resistant gloves consistent with EN ISO 374 or equivalent during product handling phase.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.

— No access of third parties during application or treatment.

— Do not use near domestic animals or livestock.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.6.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

If medical advice is needed, have product container or label at hand.

4.6.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.6.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

Keep out of reach of children and non-target animals or pets.

4.7. **Use description**

Table 7

Disinfection of inner surfaces of installations coming into contact with water (potable water systems for humans and animals and process water) – RTU

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria including legionella spp Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of inner surfaces of installations coming into contact with water that are temporarily not in use during disinfection (potable water systems for humans and animals and process water).</p>
Application method(s)	<p>Method: Manual application, filling of water system with product.</p> <p>Detailed description: —</p>

Application rate(s) and frequency	No dilution, the product is ready to use (RTU). Number and timing of application: This is a ready to use product which is used to fill the water system. Application rate depends on the size of the water system. Application frequency: 6 times per year Temperature: room temperature.
Category(ies) of users	Professional; general public (non-professional)
Pack sizes and packaging material	0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve). (Professional and Non-professional) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE). (professional only) 220 L HDPE drums with HDPE screw cap (with pressure release membrane). (professional only) 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve. (professional only)

4.7.1. Use-specific instructions

Clean the inner surfaces of the system.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Fill the system with the product and let the solution remain in the water system for at least 5 minutes. Subsequently remove the working solution and flush the system with clean water until the concentration of active substances is below the accepted limit values (to be measured by means of peroxide test strips).

Comply with the instructions for use.

4.7.2. Use-specific risk mitigation measures

During treatment the water cannot be used for consumption.

4.7.3. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

If medical advice is needed, have product container or label at hand.

4.7.4. Where specific to the use, the instructions for safe disposal of the product and its packaging

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.7.5. Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Keep out of reach of children and non-target animals or pets.

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 5

5.1. Instructions for use

See use-specific instructions for use.

5.2. Risk mitigation measures

See risk mitigation measures for specific uses.

5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: If symptoms occur call a POISON CENTRE or a doctor.

IF SWALLOWED: If symptoms occur call a POISON CENTRE or a doctor.

IF ON SKIN: Wash skin with water. If symptoms occur call a POISON CENTRE or a doctor.

IF IN EYES: If symptoms occur rinse with water. Remove contact lenses, if present and easy to do. Call a POISON CENTRE or a doctor.

Avoid release of the product to the environment.

5.4. Instructions for safe disposal of the product and its packaging

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Shelf life: 24 months.

Store in the original container at room temperature. Store away from light. Protect from frost.

6. OTHER INFORMATION

Professionals (including industrial, professionals) mean trained professional if this is required by national legislation.

Polyphosphoric acid (CAS: 8017-16-1) is not a substance of concern (SoC) for this Meta-SPC. It is shown due to technical limitations of the SPC editor.

The full titles of the EN standards referenced in the Risk mitigation measures are:

EN ISO 374 – Protective gloves against dangerous chemicals and micro-organisms

EN 12941 – Respiratory protective devices – Powered filtering devices incorporating a loose fitting respiratory interface

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC) (OJ L 131, 5.5.1998, p. 11).

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 5

7.1. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)			Tevan Panox 300	Market area: EU		
			Tevan Panox S6	Market area: EU		
			Aquanorm RTU	Market area: EU		
			Dr. Ox (V)	Market area: EU		
Authorisation number			EU-0032875-0005 1-5			
Common name	IUPAC name	Function	CAS number	EC number	Content (%)	
Peracetic acid		active substance	79-21-0	201-186-8	0,1074 % (w/w)	
Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	2,9842 % (w/w)	
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,046 % (w/w)	

1. META SPC 6 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 6 identifier

Identifier	Meta SPC: Tevan Panox 200
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1.2. Suffix to the authorisation number

Number	1-6
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1.3. Product type(s)

Product type(s)	PT02: Disinfectants and algaecides not intended for direct application to humans or animals PT03: Veterinary hygiene PT04: Food and feed area
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2. META SPC 6 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 6

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Peracetic acid		active substance	79-21-0	201-186-8	0,072 - 0,072 % (w/w)
Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	2 - 2 % (w/w)
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,0308 - 0,0308 % (w/w)

2.2. Type(s) of formulation of the meta SPC 6

Formulation type(s)	AL Any other liquid
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 6

Hazard statements	H412: Harmful to aquatic life with long lasting effects.
Precautionary statements	P273: Avoid release to the environment. P501: Dispose of contents to a disposal facility in accordance with local regulations.

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description

Table 1

Disinfection of hard surfaces in hospitals and other health care institutions – RTU

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data Scientific name: no data Common name: Fungi Development stage: no data Scientific name: no data Common name: Viruses – (limited spectrum virucidal activity) Development stage: no data

Field(s) of use	Indoor use Disinfection of hard non-porous surfaces in hospitals and other health care institutions.
Application method(s)	Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping. Detailed description: —
Application rate(s) and frequency	Application rate: Trigger spray: 0,030 - 0,060 litre/m ² Watering can: 0,19 - 1,92 litre/m ² Knapsack or backpack spray: 0,181 litre/m ² No dilution, the product is ready to use (RTU). Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. 10 applications per day shall not be exceeded. Temperature: room temperature.
Category(ies) of users	Professional
Pack sizes and packaging material	0,75 and 1 L HDPE bottle with trigger spray (stainless steel / PE) with pressure release valve. 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE) 220 L HDPE drums with HDPE screw cap (with pressure release membrane); 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.

4.1.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray the product on the floor or surface and spread it by means of a mop or a cloth.

Take care that the surface remains wet during at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

4.1.2. Use-specific risk mitigation measures

Application – spraying – trigger spray:

— Spraying is only allowed in the downward or horizontal direction.

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.1.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.1.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.1.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.2. **Use description**

Table 2

Disinfection of hard surfaces in non-food industry and laboratories – RTU

Product type	PT02: Disinfectants and algacides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Viruses – (limited spectrum virucidal activity). Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in non-food industry and laboratories.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m²</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. Ten applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>0,75 and 1 L HDPE bottle with trigger spray (stainless steel / PE) with pressure release valve.</p> <p>0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane);</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.</p>

4.2.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth.

Take care that the surface remains wet during at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

4.2.2. Use-specific risk mitigation measures

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open). Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.2.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.2.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.2.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.3. **Use description**

Table 3

Disinfection of hard surfaces in areas other than hospitals and care institutions where humans reside – RTU

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Viruses – (limited spectrum virucidal activity, only professional) Development stage: no data</p> <p>Scientific name: no data Common name: Enveloped viruses – (only Non-professional) Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in areas other than hospitals and care institutions where humans reside.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: —</p>

Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² (Professional and Non-professional) Watering can: 0,19 - 1,92 litre/m² (only Professional) Knapsack or backpack spray: 0,181 litre/m² (only Professional)</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. 10 applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional; general public (non-professional)
Pack sizes and packaging material	<p>0,75 and 1 L HDPE bottle with trigger spray (stainless steel / PE) with pressure release valve. (Professional and Non-professional) 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve). (Professional and Non-professional)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE). (professional only) 220 L HDPE drums with HDPE screw cap (with pressure release membrane). (professional only) 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve. (professional only)</p>

4.3.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

Comply with the instructions for use.

4.3.2. Use-specific risk mitigation measures

Application – spraying – trigger spray – professional:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms $< 1\,000\text{ m}^3$. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.

Application – spraying – trigger spray – non-professionals

- Use in toilets: Do not apply onto areas larger than 1 m².

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.3.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

If medical advice is needed, have product container or label at hand.

4.3.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.3.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

Keep out of reach of children and non-target animals or pets.

4.4. Use description

Table 4

Disinfection of surfaces in swimming pools – RTU

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Viruses - (limited spectrum virucidal activity, only professional) Development stage: no data</p> <p>Scientific name: no data Common name: Enveloped viruses – (only Non-professional) Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces around swimming pools or in empty basins.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² (Professional and Non-professional) Watering can: 0,19 - 1,92 litre/m² (only Professional) Knapsack or backpack spray: 0,181 litre/m² (only Professional)</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. 10 applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional; general public (non-professional)

Pack sizes and packaging material	<p>0,75 and 1 L HDPE bottle with trigger spray (stainless steel / PE) with pressure release valve. (Professional and Non-professional)</p> <p>0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve). (Professional and Non-professional)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE). (professional only)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane). (professional only)</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve. (professional only)</p>
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4.4.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

Comply with the instructions for use.

4.4.2. Use-specific risk mitigation measures

Application – spraying – trigger spray – professional:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.4.3. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

If medical advice is needed, have product container or label at hand.

4.4.4. Where specific to the use, the instructions for safe disposal of the product and its packaging

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.4.5. Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Keep out of reach of children and non-target animals or pets.

4.5. Use description

Table 5

Disinfection of surfaces in accommodations and adjacent rooms for animals – RTU

Product type	PT03: Veterinary hygiene
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data

Field(s) of use	Indoor use Disinfection of hard non-porous surfaces in accommodations and adjacent rooms for animals.
Application method(s)	Method: Detailed description: —
Application rate(s) and frequency	Application rate: Trigger spray: 0,030 - 0,060 litre/m ² (Professional and Non-professional) Watering can: 0,19 - 1,92 litre/m ² (only Professional) Knapsack or backpack spray: 0,181 litre/m ² (only Professional) No dilution, the product is ready to use. Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. Ten applications per day shall not be exceeded.
Category(ies) of users	Professional; general public (non-professional)
Pack sizes and packaging material	0,75 and 1 L HDPE bottle with trigger spray (stainless steel a PE) with pressure release valve. (Professional and Non-professional) 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve). (Professional and Non-professional) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE). (professional only) 220 L HDPE drums with HDPE screw cap (with pressure release membrane). (professional only) 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve. (professional only)

4.5.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor under feed troughs or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

Comply with the instructions for use

4.5.2. Use-specific risk mitigation measures

Application – spraying – trigger spray – professional:

— Spraying is only allowed in the downward or horizontal direction.

- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – pouring:

- Pouring application should take place under feed troughs.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open). Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.5.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

If medical advice is needed, have product container or label at hand.

4.5.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.5.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

Keep out of reach of children and non-target animals or pets.

4.6. **Use description**

Table 6.

Disinfection of surfaces in the food industry – RTU

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Fungi Development stage: no data</p> <p>Scientific name: no data Common name: Viruses Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in the food industry.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² (Professional and Non-professional) Watering can: 0,19 - 1,92 litre/m² (only Professional) Knapsack or backpack spray: 0,181 litre/m² (only Professional)</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. 3 applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>

Category(ies) of users	Professional; general public (non-professional)
Pack sizes and packaging material	<p>0,75 and 1 L HDPE bottle with trigger spray (stainless steel and PE) with pressure release valve. (Professional and Non-professional)</p> <p>0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve). (Professional and Non-professional)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE). (professional only)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane). (professional only)</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve. (professional only)</p>

4.6.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray (by means of the prefilled trigger sprayer or a knapsack sprayer) the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

Comply with the instructions for use.

4.6.2. Use-specific risk mitigation measures

Application – spraying – trigger spray – professional:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.6.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

If medical advice is needed, have product container or label at hand.

4.6.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.6.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

Keep out of reach of children and non-target animals or pets.

5. **GENERAL DIRECTIONS FOR USE OF THE META SPC 6**

5.1. **Instructions for use**

See use specific instructions for use.

5.2. **Risk mitigation measures**

See risk mitigation measures for specific uses.

5.3. **Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF INHALED: If symptoms occur call a POISON CENTRE or a doctor.

IF SWALLOWED: If symptoms occur call a POISON CENTRE or a doctor.

IF ON SKIN: Wash skin with water. If symptoms occur call a POISON CENTRE or a doctor.

IF IN EYES: If symptoms occur rinse with water. Remove contact lenses, if present and easy to do. Call a POISON CENTRE or a doctor.

Avoid release of the product to the environment.

5.4. Instructions for safe disposal of the product and its packaging

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Shelf life: 24 months.

Store in the original container at room temperature. Store away from light. Protect from frost.

6. OTHER INFORMATION

Professionals (including industrial, professionals) mean trained professional if this is required by national legislation.

Polyphosphoric acid (CAS: 8017-16-1) is not a substance of concern (SoC) for this Meta-SPC. It is shown due to technical limitations of the SPC editor.

The full titles of the EN standards referenced in the Risk mitigation measures are:

EN 12941 – Respiratory protective devices – Powered filtering devices incorporating a loose fitting respiratory interface

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC) (OJ L 131, 5.5.1998, p. 11).

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 6

7.1. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)			Tevan Panox 200	Market area: EU	
			Dr. Ox (F)	Market area: EU	
Authorisation number			EU-0032875-0006 1-6		
Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Peracetic acid		active substance	79-21-0	201-186-8	0,072 % (w/w)
Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	2 % (w/w)
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,0308 % (w/w)

1. META SPC 7 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 7 identifier

Identifier	Meta SPC: Tevan Panox 100
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1.2. Suffix to the authorisation number

Number	1-7
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1.3. Product type(s)

Product type(s)	PT02: Disinfectants and algacides not intended for direct application to humans or animals PT03: Veterinary hygiene PT04: Food and feed area
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2. META SPC 7 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 7

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Peracetic acid		active substance	79-21-0	201-186-8	0,0358 - 0,0358 % (w/w)
Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	0,9948 - 0,9948 % (w/w)
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,01534 - 0,01534 % (w/w)

2.2. Type(s) of formulation of the meta SPC 7

Formulation type(s)	AL Any other liquid
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 7

Hazard statements	H412: Harmful to aquatic life with long lasting effects.
Precautionary statements	P273: Avoid release to the environment. P501: Dispose of contents to a disposal facility in accordance with local regulations.

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description

Table 1

Disinfection of hard surfaces in hospitals and other health care institutions – RTU

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Viruses – (limited spectrum virucidal activity). Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in hospitals and other health care institutions.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m²</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product. Ten applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>0,75 and 1 L HDPE bottle with trigger spray (stainless steel and PE) with pressure release valve.</p> <p>0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane);</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve.</p>

4.1.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

4.1.2. Use-specific risk mitigation measures

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.1.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

See General directions for use of the meta SPC.

4.1.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.1.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

See storage conditions in section General directions for use of the meta SPC.

4.2. **Use description**

Table 2

Disinfection of hard surfaces in industry and laboratories – RTU

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Viruses – (limited spectrum virucidal activity). Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in non-food industry and laboratories.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² Watering can: 0,19 - 1,92 litre/m² Knapsack or backpack spray: 0,181 litre/m²</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product; 10 applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>

Category(ies) of users	Professional
Pack sizes and packaging material	<p>0,75 and 1 L HDPE bottle with trigger spray (stainless steel / PE) with pressure release valve. (Professional and Non-professional)</p> <p>0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve). (Professional and Non-professional)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE). (professional only)</p> <p>220 L HDPE drums with HDPE screw cap (with pressure release membrane). (professional only)</p> <p>1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve. (professional only)</p>

4.2.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

4.2.2. Use-specific risk mitigation measures

Application – spraying – trigger spray:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.2.3. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See General directions for use of the meta SPC.

4.2.4. Where specific to the use, the instructions for safe disposal of the product and its packaging

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.2.5. Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See storage conditions in section General directions for use of the meta SPC.

4.3. Use description

Table 3

Disinfection of hard surfaces in areas other than hospitals and care institutions where humans reside – RTU

Product type	PT02: Disinfectants and algacides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data

	<p>Scientific name: no data Common name: Viruses – (limited spectrum virucidal activity, only professional) Development stage: no data</p> <p>Scientific name: no data Common name: Enveloped viruses – (only non-professional) Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces in areas other than hospitals and care institutions where humans reside.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: —</p>
Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 litre/m² (Professional and Non-professional) Watering can: 0,19 - 1,92 litre/m² (only Professional) Knapsack or backpack spray: 0,181 litre/m² (only Professional)</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product; 10 applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional; general public (non-professional)
Pack sizes and packaging material	<p>0,75 and 1 L HDPE bottle with trigger spray (stainless steel / PE) with pressure release valve. (Professional and Non-professional) 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve). (Professional and Non-professional)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE). (professional only) 220 L HDPE drums with HDPE screw cap (with pressure release membrane). (professional only) 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve. (professional only)</p>

4.3.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet during at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

Comply with the instructions for use.

4.3.2. Use-specific risk mitigation measures

Application – spraying – trigger spray – professional:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume ≥ 1 000 m³.
- No access of third parties during application or treatment.

Application – spraying – trigger spray – non-professionals:

— Use in toilets: Do not apply onto areas larger than 1 m².

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.3.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

If medical advice is needed, have product container or label at hand.

4.3.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.3.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

Keep out of reach of children and non-target animals or pets.

4.4. **Use description**

Table 4

Disinfection of surfaces in swimming pools –RTU

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: Viruses – (limited spectrum virucidal activity, only professional) Development stage: no data</p> <p>Scientific name: no data Common name: Enveloped viruses – (only non-professional) Development stage: no data</p>
Field(s) of use	<p>Indoor use</p> <p>Disinfection of hard non-porous surfaces around swimming pools or in empty basins.</p>
Application method(s)	<p>Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping.</p> <p>Detailed description: —</p>

Application rate(s) and frequency	<p>Application rate: Trigger spray: 0,030 - 0,060 L/m² (Professional and Non-professional) Watering can: 0,19 - 1,92 L/m² (only Professional) Knapsack or backpack spray: 0,181 L/m² (only Professional)</p> <p>No dilution, the product is ready to use (RTU).</p> <p>Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product; 10 applications per day shall not be exceeded.</p> <p>Temperature: room temperature.</p>
Category(ies) of users	Professional; general public (non-professional)
Pack sizes and packaging material	<p>0,75 and 1 L HDPE bottle with trigger spray (stainless steel and PE) with pressure release valve. (Professional and Non-professional) 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve). (Professional and Non-professional)</p> <p>5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE). (professional only) 220 L HDPE drums with HDPE screw cap (with pressure release membrane). (professional only) 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve. (professional only)</p>

4.4.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

Comply with the instructions for use.

4.4.2. Use-specific risk mitigation measures

Application – spraying – trigger spray – professional:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open). Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms $< 1\,000\text{ m}^3$. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.4.3. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

If medical advice is needed, have product container or label at hand.

4.4.4. Where specific to the use, the instructions for safe disposal of the product and its packaging

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.4.5. Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Keep out of reach of children and non-target animals or pets.

4.5. Use description

Table 5

Disinfection of surfaces in accommodations and adjacent rooms for animals – RTU

Product type	PT03: Veterinary hygiene
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data
Field(s) of use	Indoor use Disinfection of hard non-porous surfaces in accommodations and adjacent rooms for animals.
Application method(s)	Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping. Detailed description: —
Application rate(s) and frequency	Application rate: Trigger spray: 0,030 - 0,060 litre/m ² (Professional and Non-professional) Watering can: 0,19 - 1,92 litre/m ² (only Professional) Knapsack or backpack spray: 0,181 litre/m ² (only Professional) No dilution, the product is ready to use (RTU). Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product; 10 applications per day shall not be exceeded.
Category(ies) of users	Professional; general public (non-professional)
Pack sizes and packaging material	0,75 and 1 L HDPE bottle with trigger spray (stainless steel / PE) with pressure release valve. (Professional and Non-professional) 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve). (Professional and Non-professional) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE). (professional only) 220 L HDPE drums with HDPE screw cap (with pressure release membrane). (professional only) 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve. (professional only)

4.5.1. *Use-specific instructions*

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray the product on the floor under feed troughs or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

Comply with the instructions for use.

4.5.2. *Use-specific risk mitigation measures*

Application – spraying – trigger spray – professional:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume ≥ 1 000 m³.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – mopping and wiping:

- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 1 000 m³. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.

- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

Application – pouring:

- Pouring application should take place under feed troughs.
- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.
- Animals must be kept away from treated areas until surfaces are dry.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.5.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

If medical advice is needed, have product container or label at hand.

4.5.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.5.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

Keep out of reach of children and non-target animals or pets.

4.6. **Use description**

Table 6

Disinfection of surfaces in the food industry – RTU

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	—
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data Scientific name: no data Common name: Viruses Development stage: no data
Field(s) of use	Indoor use Disinfection of surfaces in the food industry

Application method(s)	Method: Manual application by pouring or spraying (trigger spray or knapsack spraying) followed by mopping or wiping. Detailed description: —
Application rate(s) and frequency	Application rate: Trigger spray: 0,030 - 0,060 litre/m ² (Professional and Non-professional) Watering can: 0,19 - 1,92 litre/m ² (only Professional) Knapsack or backpack spray: 0,181 litre/m ² (only Professional) No dilution, the product is ready to use (RTU). Number and timing of application: Apply in addition to daily cleaning, this is a ready to use product; 3 applications per day shall not be exceeded. Temperature: room temperature.
Category(ies) of users	Professional; general public (non-professional)
Pack sizes and packaging material	0,75 and 1 L HDPE bottle with trigger spray (stainless steel and PE) with pressure release valve. (Professional and Non-professional) 0,75 and 1 L HDPE bottle with screw cap (outer cap HDPE, inner cap PPC, with LDPE or PE foam liner as pressure release valve). (Professional and Non-professional) 5, 10 and 20 L HDPE cans with screw cap (HDPE) with inlay (PE foam) and pressure release membrane (PTFE). (professional only) 220 L HDPE drums with HDPE screw cap (with pressure release membrane). (professional only) 1 000 L HDPE IBC with HDPE screw cap (with pressure release vent) and outlet opening with butterfly valve. (professional only)

4.6.1. Use-specific instructions

Thoroughly clean the surfaces to be disinfected.

Remove a cleaning agent, if used, with clean water.

Remove excess of water.

Pour or spray the product on the floor or surface and spread it by means of a mop or a cloth.

Make sure that the surface remains wet for at least 5 minutes.

Where gas filters (RPE) are required, training must be ensured for the users.

Comply with the instructions for use

4.6.2. Use-specific risk mitigation measures

Application – spraying – trigger spray – professional:

- Spraying is only allowed in the downward or horizontal direction.
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms < 100 m³ with a ventilation of < 3 air changes per hour. At least a powered air purifying respirator with helmet, hood, or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.

- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – spraying – Knapsack or backpack sprayer:

- Spraying is only allowed in the downward or horizontal direction.
- The flow rate of the backpack sprayer must not exceed 0,3 l/min.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.
- Provide ventilation of 3 air changes per hour (industrial ventilation or keeping windows and doors open).

Application – mopping and wiping:

- Ensure adequate ventilation (at least 3 air changes per hour) during application
- Use of respiratory protective equipment (RPE) consistent with EN 12941 or equivalent providing a protection factor of 4 is mandatory if the product is used in rooms $< 1\,000\text{ m}^3$. At least a powered air purifying respirator with helmet, hood or mask (TH1 or TM1), or a half mask or full mask with gas filter is required.
- Re-entry is only permitted once the air concentration for hydrogen peroxide has dropped below 0,9 ppm (1,25 mg/m³) or relevant lower national reference value.
- No access of third parties during application or treatment.
- Do not use near domestic animals or livestock.

Application – pouring:

- Ensure adequate ventilation (at least 3 air changes per hour) during application.
- Use only in rooms with a volume $\geq 1\,000\text{ m}^3$.
- No access of third parties during application or treatment.

When means of protection are indicated, these measures are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work. See section 6 for the full references to this act and the EN standards.

4.6.3. *Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment*

If medical advice is needed, have product container or label at hand.

4.6.4. *Where specific to the use, the instructions for safe disposal of the product and its packaging*

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

4.6.5. *Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage*

Keep out of reach of children and non-target animals or pets.

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 7

5.1. Instructions for use

See use specific instructions for use.

5.2. Risk mitigation measures

See the risk mitigation measures for specific uses.

5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: If symptoms occur call a POISON CENTRE or a doctor.

IF SWALLOWED: If symptoms occur call a POISON CENTRE or a doctor.

IF ON SKIN: Wash skin with water. If symptoms occur call a POISON CENTRE or a doctor.

IF IN EYES: If symptoms occur rinse with water. Remove contact lenses, if present and easy to do. Call a POISON CENTRE or a doctor.

Avoid release of the product to the environment.

5.4. Instructions for safe disposal of the product and its packaging

Keep only in original container. Empty container completely. Keep labels on container. Dispose the container in accordance with the regulations issued by the appropriate authorities.

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Shelf life: 24 months

Store in the original container at room temperature. Store away from light. Protect from frost.

6. OTHER INFORMATION

Professionals (including industrial, professionals) mean trained professional if this is required by national legislation.

Polyphosphoric acid (CAS: 8017-16-1) is not a substance of concern (SoC) for this Meta-SPC. It is shown due to technical limitations of the SPC editor.

The full titles of the EN standards referenced in the Risk mitigation measures are:

EN 12941 – Respiratory protective devices – Powered filtering devices incorporating a loose fitting respiratory interface

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC) (OJ L 131, 5.5.1998, p. 11).

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 7

7.1. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)			Tevan Panox 100	Market area: EU		
			Dr. Ox (B)	Market area: EU		
Authorisation number			EU-0032875-0007 1-7			
Common name	IUPAC name	Function	CAS number	EC number	Content (%)	
Peracetic acid		active substance	79-21-0	201-186-8	0,0358 % (w/w)	
Hydrogen peroxide	dihydrogen dioxide	non-active substance	7722-84-1	231-765-0	0,9948 % (w/w)	
Acetic acid	ethanoic acid	non-active substance	64-19-7	200-580-7	0,01534 % (w/w)	