



2026/1331

16.6.2026

**COMMISSION IMPLEMENTING REGULATION (EU) 2026/1331**

**of 4 June 2026**

**amending Implementing Regulation (EU) 2025/831 as regards administrative and minor changes to the Union authorisation of the biocidal product family 'AWPF Calcium Hypochlorite BPF'**

(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 <sup>(1)</sup>, and in particular Article 50(2) thereof,

Whereas:

- (1) On 5 May 2025, Commission Implementing Regulation (EU) 2025/831 <sup>(2)</sup> granted a Union authorisation, under authorisation number EU-0027464-0000, to Innovative Water Care Europe SAS for the making available on the market and use of the biocidal product family 'AWPF Calcium Hypochlorite BPF'. Annex II to that Implementing Regulation provides the summary of product characteristics ('SPC') for that biocidal product family.
- (2) On 6 August 2025, Innovative Water Care Europe SAS submitted an application to the European Chemicals Agency ('the Agency'), in accordance with Article 12(1) of Commission Implementing Regulation (EU) No 354/2013 <sup>(3)</sup>, for administrative and minor changes to the Union authorisation for the biocidal product family 'AWPF Calcium Hypochlorite BPF', as referred to in Titles 1 and 2 of the Annex to that Implementing Regulation. The application was recorded in the Register for Biocidal Products under case number BC-DG109451-60. The proposed changes to that authorisation concern the extension of shelf-life of products in meta SPCs 1 and 3 from 12 to 24 months and for products in meta SPC 2 from 12 to 18 months, the addition of new packaging materials, a change in the addresses of the authorisation holder and in one of active substance and product manufacturers, the addition of new production sites of active substance and biocidal product manufacturers and the addition of new trade names.
- (3) On 3 December 2025, the Agency submitted, in accordance with Article 12(4) of Implementing Regulation (EU) No 354/2013, an opinion <sup>(4)</sup> on the applied administrative and minor changes to the Union authorisation for the biocidal product family 'AWPF Calcium Hypochlorite BPF' together with a revised SPC and a revised assessment report. The opinion concludes that the proposed changes are administrative and minor changes as referred to in Article 50(3), points (a) and (b), of Regulation (EU) No 528/2012 and as specified in Title 1, Sections 1 and 2 and Title 2 of the Annex to Implementing Regulation (EU) No 354/2013, and that after the implementation of the changes, the conditions of Article 19 of Regulation (EU) No 528/2012 will still be met.
- (4) On 12 March 2026, the Agency transmitted to the Commission the revised summary of the product characteristics of the Union authorisation for the biocidal product family 'AWPF Calcium Hypochlorite BPF' in all official languages of the Union, covering the administrative and minor changes applied for, in accordance with Article 11(6) and Article 12(6) of Implementing Regulation (EU) No 354/2013.

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

<sup>(2)</sup> Commission Implementing Regulation (EU) 2025/831 of 5 May 2025 granting a Union authorisation for the biocidal product family AWPF Calcium Hypochlorite BPF in accordance with Regulation (EU) No 528/2012 of the European Parliament and of the Council (OJ L, 2025/831, 6.5.2025, ELI: [http://data.europa.eu/eli/reg\\_impl/2025/831/oj](http://data.europa.eu/eli/reg_impl/2025/831/oj)).

<sup>(3)</sup> Commission Implementing Regulation (EU) No 354/2013 of 18 April 2013 on changes of biocidal products authorised in accordance with Regulation (EU) No 528/2012 of the European Parliament and of the Council (OJ L 109, 19.4.2013, p. 4, ELI: [http://data.europa.eu/eli/reg\\_impl/2013/354/oj](http://data.europa.eu/eli/reg_impl/2013/354/oj)).

<sup>(4)</sup> ECHA Biocidal Products Committee (BPC) opinion on the minor change to the Union authorisation of the biocidal product 'AWPF Calcium Hypochlorite BPF' ECHA/BPC/515/2026 of 27 November 2025. <https://echa.europa.eu/opinions-on-union-authorisation>.

- (5) The Commission concurs with the opinion of the Agency and therefore considers it appropriate to amend the Union authorisation for the biocidal product family 'AWPF Calcium Hypochlorite BPF' to introduce the administrative and minor changes requested by Innovative Water Care Europe SAS.
- (6) Except for the amendments regarding the administrative and minor changes, all other information included in the summary of product characteristics of 'AWPF Calcium Hypochlorite BPF' as set out in Annex II to Implementing Regulation (EU) 2025/831 remains unchanged.
- (7) In order to enhance clarity and to ease the access of users and interested parties to the consolidated version of the summary of product characteristics which is to be published by the Agency, Annex II to Implementing Regulation (EU) 2025/831 should be replaced in its entirety. Due to a change in the format used for the generation of the summary of product characteristics in the Register for Biocidal Products in 2024, the summary of product characteristics in that Annex should also include some minor editorial and layout changes.
- (8) Implementing Regulation (EU) 2025/831 should therefore be amended accordingly,

HAS ADOPTED THIS REGULATION:

*Article 1*

Annex II to Implementing Regulation (EU) 2025/831 is replaced by the text in the Annex to this Regulation.

*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, 4 June 2026.

*For the Commission*  
*The President*  
Ursula VON DER LEYEN

ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT FAMILY

AWPF Calcium Hypochlorite BPF

Product type(s)

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

PT04: Food and feed area

PT05: Drinking water

Authorisation number: EU-0027464-0000

R4BP asset number: EU-0027464-0000

PART I.

FIRST INFORMATION LEVEL

1. ADMINISTRATIVE INFORMATION

1.1. Family name

|      |                               |
|------|-------------------------------|
| Name | AWPF Calcium Hypochlorite BPF |
|------|-------------------------------|

1.2. Product type(s)

|                 |                                                                                                                                                 |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type(s) | PT02: Disinfectants and algaecides not intended for direct application to humans or animals<br>PT04: Food and feed area<br>PT05: Drinking water |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|

1.3. Authorisation holder

|                                              |                 |                                                  |
|----------------------------------------------|-----------------|--------------------------------------------------|
| Name and address of the authorisation holder | Name            | Innovative Water Care Europe SAS                 |
|                                              | Address         | 9 Avenue Marie Curie 37700 La Ville Aux Dames FR |
| Authorisation number                         | EU-0027464-0000 |                                                  |
| R4BP asset number                            | EU-0027464-0000 |                                                  |
| Date of the authorisation                    | 26/05/2025      |                                                  |
| Expiry date of the authorisation             | 30/04/2035      |                                                  |

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

|                                 |                                                                                                                                                                                                                                            |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of manufacturer            | Innovative Water Care Europe SAS                                                                                                                                                                                                           |
| Address of manufacturer         | 9 Avenue Marie Curie 37700 La Ville Aux Dames<br>France                                                                                                                                                                                    |
| Location of manufacturing sites | Innovative Water Care Europe SAS site 1 1200 old<br>lower river road TN. 37310 Charleston, United States<br>(the)<br>Innovative Water Care Europe SAS site 2 216,<br>K.J.S.Complex, Bhagya Nagar, Kurnool 518 004 Andhra<br>Pradesh, India |

|                                 |                                                                                                |
|---------------------------------|------------------------------------------------------------------------------------------------|
| Name of manufacturer            | Innovative Water Care Europe LLC                                                               |
| Address of manufacturer         | 2475 Pinnacle Dr DE 19803 Wilmington, United States<br>(the)                                   |
| Location of manufacturing sites | Innovative Water Care Europe LLC 2475 Pinnacle Dr.<br>DE 19803 Wilmington, United States (the) |

|                                 |                                                                                                                                     |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Name of manufacturer            | Innovative Water Care SA Holding (Pty) Ltd                                                                                          |
| Address of manufacturer         | NCP Factory Site, Hytor Street, Chloorkop Gauteng<br>1619 Chloorkop, Kempton Park, South Africa                                     |
| Location of manufacturing sites | Innovative Water Care SA Holding (Pty) Ltd NCP<br>Factory Site, Hytor Street, Chloorkop, Gauteng 1619<br>Kempton Park, South Africa |

|                                 |                                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------|
| Name of manufacturer            | RNM - Produtos Químicos, SA                                                                      |
| Address of manufacturer         | Avenidas das Searas nº132 Landim Vila Nova de<br>Famalicão, Portugal                             |
| Location of manufacturing sites | RNM - Produtos Químicos, SA Avenidas das Searas<br>nº132 Landim Vila Nova de Famalicão, Portugal |

|                                 |                                                                                                     |
|---------------------------------|-----------------------------------------------------------------------------------------------------|
| Name of manufacturer            | MEZENTER MAQUILAS A TERCEROS SL                                                                     |
| Address of manufacturer         | Gran Bretanya 24, warehouse 3 08700 Igualada<br>Barcelona, Spain                                    |
| Location of manufacturing sites | MEZENTER MAQUILAS A TERCEROS SL Gran<br>Bretanya 24, warehouse 3 08700 Igualada Barcelona,<br>Spain |

|                                 |                                                                                  |
|---------------------------------|----------------------------------------------------------------------------------|
| Name of manufacturer            | Hiwassee Packaging                                                               |
| Address of manufacturer         | 124 Appalachian Drive Tn 37321 Dayton, United<br>States (the)                    |
| Location of manufacturing sites | Hiwassee Packaging 124 Appalachian Drive Tn 37321<br>Dayton, United States (the) |

|                                 |                                                                                                                  |
|---------------------------------|------------------------------------------------------------------------------------------------------------------|
| Name of manufacturer            | Sinopec Jiangnan Salt & Chemical Complex                                                                         |
| Address of manufacturer         | No. 8, Hongqi Road Wangchang Town, Qianjiang city, Hubei Province, China                                         |
| Location of manufacturing sites | Sinopec Jiangnan Salt & Chemical Complex No. 8, Hongqi Road Wangchang Town Qianjiang city, Hubei Province, China |

|                                 |                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| Name of manufacturer            | Haixing Eno Chemical Co., Ltd                                                                                  |
| Address of manufacturer         | Haixing Economic Development Area Haixing County 061200, Hebei Province, China                                 |
| Location of manufacturing sites | Haixing Eno Chemical Co., Ltd. Haixing Economic Development Area, Haixing County 061200, Hebei Province, China |

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

|                                 |                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Active substance                | Active chlorine released from calcium hypochlorite                                                                                                                                                                                                                                                                                                      |
| Name of manufacturer            | Innovative Water Care Europe SAS                                                                                                                                                                                                                                                                                                                        |
| Address of manufacturer         | 9 Avenue Marie Curie 37700 La Ville Aux Dames France                                                                                                                                                                                                                                                                                                    |
| Location of manufacturing sites | Innovative Water Care Europe SAS site 1 1200 old lower river road TN. 37310 Charleston, United States (the)<br>Innovative Water Care Europe SAS site 2 NCP Factory Site, Hytor Street, Chloorkop, Kempton 1619 Gauteng, South Africa<br>Innovative Water Care Europe SAS site 3 216, K.J.S.Complex, Bhagya Nagar, Kurnool 518 004 Andhra Pradesh, India |

|                                 |                                                                                                                  |
|---------------------------------|------------------------------------------------------------------------------------------------------------------|
| Active substance                | Active chlorine released from calcium hypochlorite                                                               |
| Name of manufacturer            | Sinopec Jiangnan Salt & Chemical Complex                                                                         |
| Address of manufacturer         | No. 8, Hongqi Road Wangchang Town, Qianjiang city, Hubei Province, China                                         |
| Location of manufacturing sites | Sinopec Jiangnan Salt & Chemical Complex No. 8, Hongqi Road Wangchang Town Qianjiang city, Hubei Province, China |

|                                 |                                                                                                               |
|---------------------------------|---------------------------------------------------------------------------------------------------------------|
| Active substance                | Active chlorine released from calcium hypochlorite                                                            |
| Name of manufacturer            | Haixing Eno Chemical Co., Ltd                                                                                 |
| Address of manufacturer         | Haixing Economic Development Area Haixing County 061200, Hebei Province, China                                |
| Location of manufacturing sites | Haixing Eno Chemical Co., Ltd. Haixing Economic Development Area, Haixing County 061200, Hebei Province China |

## 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 (%)       |
|----------------------------------------------------|------------|----------------------|------------|-----------|-------------------|
| Active chlorine released from calcium hypochlorite |            | Active substance     |            |           | 40,3 - 65 % (w/w) |
| Calcium hypochlorite                               |            | Releaser             | 7778-54-3  | 231-908-7 | 62 - 100 % (w/w)  |
| Calcium dihydroxide                                |            | Non-active substance | 1305-62-0  | 215-137-3 | 0 - 11 % (w/w)    |

## 2.2. Type(s) of formulation

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| Formulation type(s) | SG Water soluble granule<br>ST Water soluble tablet |
|---------------------|-----------------------------------------------------|

## PART II.

## SECOND INFORMATION LEVEL META SPC(S)

## 1. META SPC 1 ADMINISTRATIVE INFORMATION

## 1.1. Meta SPC 1 identifier

|            |                                               |
|------------|-----------------------------------------------|
| Identifier | Meta SPC: meta-SPC 1 (Water soluble granules) |
|------------|-----------------------------------------------|

## 1.2. Suffix to the authorisation number

|        |     |
|--------|-----|
| Number | 1-1 |
|--------|-----|

## 1.3. Product type(s)

|                 |                                                                                                                                                 |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type(s) | PT02: Disinfectants and algaecides not intended for direct application to humans or animals<br>PT04: Food and feed area<br>PT05: Drinking water |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|

## 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 (%)       |
|----------------------------------------------------|------------|------------------|------------|-----------|-------------------|
| Active chlorine released from calcium hypochlorite |            | Active substance |            |           | 65 - 65 % (w/w)   |
| Calcium hypochlorite                               |            | Releaser         | 7778-54-3  | 231-908-7 | 100 - 100 % (w/w) |

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

|                     |                          |
|---------------------|--------------------------|
| Formulation type(s) | SG Water soluble granule |
|---------------------|--------------------------|

## 3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 1

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard statements        | <p>H272: May intensify fire; oxidiser.</p> <p>H302: Harmful if swallowed.</p> <p>H314: Causes severe skin burns and eye damage.</p> <p>H400: Very toxic to aquatic life.</p> <p>EUH031: Contact with acids liberates toxic gas.</p> <p>EUH206: Warning! Do not use together with other products. May release dangerous gases (chlorine).</p> <p>EUH071: Corrosive to the respiratory tract.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Precautionary statements | <p>P101: If medical advice is needed, have product container or label at hand.</p> <p>P102: Keep out of reach of children.</p> <p>P103: Read carefully and follow all instructions.</p> <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>P260: Do not breathe dust.</p> <p>P260: Do not breathe fume.</p> <p>P260: Do not breathe gas.</p> <p>P260: Do not breathe mist.</p> <p>P260: Do not breathe vapours.</p> <p>P260: Do not breathe spray.</p> <p>P264: Wash hands thoroughly after handling.</p> <p>P270: Do not eat, drink or smoke when using this product.</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>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.</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>P310: Immediately call a POISON CENTER or a doctor.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P370+P378: In case of fire: Use water spray to extinguish.</p> <p>P391: Collect spillage.</p> <p>P501: Dispose of contents local regulations.</p> |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 4. AUTHORISED USE(S) OF THE META SPC

##### 4.1. Use description

Table 1

#### use # 1-1 PT 2 – Disinfection of swimming pools and spas – professional user

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type                                               | PT02: Disinfectants and algaecides not intended for direct application to humans or animals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Where relevant, an exact description of the authorised use | Not relevant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Target organism(s) (including development stage)           | <p>Scientific name: Bacteria (including <i>L. pneumophila</i>)</p> <p>Common name: Bacteria (including <i>L. pneumophila</i>)</p> <p>Development stage: no data</p> <p>Scientific name: Viruses</p> <p>Common name: Viruses</p> <p>Development stage: no data</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Field(s) of use                                            | <p>indoor use</p> <p>outdoor use</p> <p>-</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Application method(s)                                      | <p>Method: Direct addition of the product to the water surface, injection of a stock solution from a tank or from an automated feeder connected to the swimming pool or spa.</p> <p>Detailed description:</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Application rate(s) and frequency                          | <p>Application Rate: Maintenance: 1-3 mg/l of available chlorine in water (swimming pool), 2.5 to 4 mg/l of available chlorine in water (spas); Shock treatment : 10 mg/l of available chlorine in water -</p> <p>Number and timing of application:</p> <p>Maintenance of swimming pools:</p> <p>Apply the product as needed to maintain a concentration between 1 and 3 mg/l of available chlorine in water.</p> <p>Maintenance of spas:</p> <p>Apply the product as needed to maintain a concentration between 2.5 up to 4 mg/l of available chlorine in water.</p> <p>Shock treatment of swimming pools and spas:</p> <p>Apply the product as to reach a concentration of 10 mg/l of available chlorine in water (contact time: 10 minutes).</p> |
| Category(ies) of users                                     | professional                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pack sizes and packaging material | <ul style="list-style-type: none"> <li>— High density polyethylene (HDPE) or polypropylene (PP) or Polyethylene (PE) bottle with HDPE or PP or PE screw cap (0.45 – 1 kg)</li> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (2 – 4 kg)</li> <li>— HDPE or PP or PE pail with HDPE or PP or PE lid (3 – 25 kg)</li> <li>— HDPE or PP or PE drum with HDPE or PP or PE lid (25 – 45 kg)</li> </ul> |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 4.1.1. *Use-specific instructions for use*

-

#### 4.1.2. *Use-specific risk mitigation measures*

- Application of this product is exclusively allowed in swimming pools with connection to a sewage treatment plant. It is not allowed to directly discharge swimming pool water to the surface water.
- Treatment must be made in absence of bathers for shock treatment and until complete dissolution of the product for direct application for maintenance treatment.
- Do not allow entrance to the pool until the concentration decreases back to 3 mg/l of available chlorine for swimming pools and 4 mg/l of available chlorine for spas or to national chlorine limit.

#### 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 direction for use.

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

See general direction for use.

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

See general direction for use.

### 4.2. **Use description**

Table 2

#### **use # 1-2 PT 2 – Disinfection of swimming pools and spas – non-professional user**

|                                                            |                                                                                                                                                                                                                                          |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type                                               | PT02: Disinfectants and algaecides not intended for direct application to humans or animals                                                                                                                                              |
| Where relevant, an exact description of the authorised use | Not relevant.                                                                                                                                                                                                                            |
| Target organism(s) (including development stage)           | Scientific name: Bacteria (including <i>L. pneumophila</i> )<br>Common name: Bacteria (including <i>L. pneumophila</i> )<br>Development stage: no data<br>Scientific name: Viruses<br>Common name: Viruses<br>Development stage: no data |
| Field(s) of use                                            | indoor use<br>outdoor use                                                                                                                                                                                                                |

|                                   |                                                                                                                                                                                                                                                                                |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application method(s)             | Method: Direct addition of the product to the water surface, e.g. with a scoop or similar.<br>Detailed description:                                                                                                                                                            |
| Application rate(s) and frequency | Application Rate: Shock treatment: 10 mg/l of available chlorine in water<br>Number and timing of application:<br>Apply the product as to reach a concentration of 10 mg/l of available chlorine in water (contact time: 10 minutes), pH 6,32-7,82.                            |
| Category(ies) of users            | general public (non-professional)                                                                                                                                                                                                                                              |
| Pack sizes and packaging material | <ul style="list-style-type: none"> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (0.45 – 1 kg)</li> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (2 – 4 kg)</li> <li>— HDPE or PP or PE pail with HDPE or PP or PE lid (3 – 10 kg)</li> </ul> |

#### 4.2.1. *Use-specific instructions for use*

- Read label before use.
- Check regularly chlorine content in the pools as UV could partially degrade chlorine.
- Ensure complete mixing of the product to water.

#### 4.2.2. *Use-specific risk mitigation measures*

- Use the dosing device, scoop or similar to transfer the product. This tool must be provided with the packaging and must not be in contact with the product (must not be stored inside the packaging). Decanting has to be avoided.
- Treatment must be made in absence of bathers.
- Do not allow entrance to the pool until the concentration decreases back to 3 mg/l of available chlorine in water for swimming pools and 4 mg/l of available chlorine in water for spas or to national chlorine limit.
- Application of this product is exclusively allowed in swimming pools with connection to a sewage treatment plant. It is not allowed to directly discharge swimming pool water to the surface water.
- Washing of hands after use.
- Washing of face/ eye after accidental exposure.
- Avoid contact with skin and eyes.

#### 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*

- If medical advice is needed, have product container or label at hand.

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

See general direction for use.

#### 4.2.5. *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.

## 4.3. Use description

Table 3

**use # 1-3 PT 4 – Disinfection of equipment, containers, pipework associated with drinking water for human consumption by filling/CIP with circulation – professional user**

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type                                               | PT04: Food and feed area                                                                                                                                                                                                                                                                                                                                                                                             |
| Where relevant, an exact description of the authorised use | Disinfection of interior surfaces of drinking water systems such as equipment, containers, pipework by filling/CIP with circulation.                                                                                                                                                                                                                                                                                 |
| Target organism(s) (including development stage)           | Scientific name: Bacteria<br>Common name: Bacteria<br>Development stage: no data                                                                                                                                                                                                                                                                                                                                     |
| Field(s) of use                                            | indoor use                                                                                                                                                                                                                                                                                                                                                                                                           |
| Application method(s)                                      | Method: Filling of piping with stock solution.<br>Detailed description:                                                                                                                                                                                                                                                                                                                                              |
| Application rate(s) and frequency                          | Application Rate: 100 mg/l of available chlorine in water<br>Number and timing of application:<br>Dissolve 130 g of product into water per cubic meter of the piping to be chlorinated to reach 100 mg/l active chlorine in water.<br>Contact time: 12 hours                                                                                                                                                         |
| Category(ies) of users                                     | professional                                                                                                                                                                                                                                                                                                                                                                                                         |
| Pack sizes and packaging material                          | <ul style="list-style-type: none"> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (0.45 – 1 kg)</li> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (2 – 4 kg)</li> <li>— HDPE or PP or PE pail with HDPE or PP or PE lid (3 – 25 kg)</li> <li>— HDPE or PP or PE drum with HDPE or PP or PE lid (25 – 45 kg)</li> <li>— Low-density polyethylene (LDPE) bag (100 – 200 kg)</li> </ul> |

## 4.3.1. Use-specific instructions for use

- Clean carefully the surfaces before application of the product.

## 4.3.2. Use-specific risk mitigation measures

- Ensure that the concentration of chlorine in drinking water does not exceed national chlorine limit before consumption.
- Ensure that the concentration of chlorate present in drinking water does not exceed the parametric values set in Directive 2020/2184.
- For food commodities, make sure that the concentration of chlorate present in food does not exceed the maximum residue levels set in Annex III of Regulation (EC) No 396/2005.

## 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 direction for use.

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

See general direction for use.

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

See general direction for use.

#### 4.4. Use description

Table 4

#### **use # 1-4 PT 5 – Disinfection of drinking water for human consumption in public distribution systems and portable devices – professional**

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type                                               | PT05: Drinking water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Where relevant, an exact description of the authorised use | Not relevant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Target organism(s) (including development stage)           | Scientific name: Bacteria<br>Common name: Bacteria<br>Development stage: no data<br>Scientific name: Viruses<br>Common name: Viruses<br>Development stage: no data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Field(s) of use                                            | indoor use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Application method(s)                                      | Method: Injection of a stock solution from a tank or an automated feeder<br>Detailed description:<br>Adjustment applicable in the territory of Germany in accordance with Article 44(5), second subparagraph, of Regulation (EU) No 528/2012:<br>In accordance with the list of authorised treatment substances and disinfection processes of Section 20 of the German Ordinance on the Quality of Water Intended for Human Consumption (TrinkwV), the technical rules for dosing set out in the Deutscher Verein des Gas Wasserfaches e.V. -working sheets W 229, W 296, W 623 and the minimum contact time of W 229 apply (See section 6 for further references).<br>In addition, the requirements of DIN EN 900 Tab. 1, Type 1 shall be met regarding the purity of the releaser calcium hypochlorite.                                                                                                                                                                                                                                                                                                                                                                                                          |
| Application rate(s) and frequency                          | Application Rate: Primary disinfection: 3-5 mg/l (residual)<br>Number and timing of application:<br>Primary disinfection: Apply the product as to reach a concentration between 3 and 5 mg/l of available chlorine in water.<br>Adjustment applicable in the territory of Germany in accordance with Article 44(5), second subparagraph, of Regulation (EU) No 528/2012:<br>In accordance with the list of authorised treatment substances and disinfection processes of Section 20 of the German Ordinance on the Quality of Water Intended for Human Consumption (TrinkwV). See Section 6 for further reference.<br>Application rate:<br>Maximum addition 1,2mg/l available chlorine in water.<br>Concentration range after completion of treatment: max 0,3 mg/l available chlorine in water, min 0,1 mg/l available chlorine in water (including the amounts before treatment and from other treatments)<br>In exceptional cases an addition of up to 4,7 mg/l available chlorine in water and concentration up to 0,6 mg/l available chlorine in water after treatment is acceptable if disinfection cannot be ensured by other means or if disinfection is temporarily impaired by the presence of ammonium. |

|                                   |                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Category(ies) of users            | professional                                                                                                                                                                                                                                                                                                                                           |
| Pack sizes and packaging material | <ul style="list-style-type: none"> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (0.45 – 1 kg)</li> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (2 – 4 kg)</li> <li>— HDPE or PP or PE pail with HDPE or PP or PE lid (3 – 25 kg)</li> <li>— HDPE or PP or PE drum with HDPE or PP or PE lid (25 – 45 kg)</li> </ul> |

#### 4.4.1. *Use-specific instructions for use*

- Ensure that the concentration of chlorine in drinking water does not exceed national chlorine limit before consumption.
- Ensure that the concentration of chlorate present in drinking water does not exceed the parametric values set in Directive 2020/2184.
- For food commodities, make sure that the concentration of chlorate present in food does not exceed the maximum residue levels set in Annex III of Regulation (EC) No 396/2005.

#### 4.4.2. *Use-specific risk mitigation measures*

See general direction for use.

#### 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 direction for use.

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

See general direction for use.

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

See general direction for use.

### 4.5. **Use description**

Table 5

#### **use # 1-5 PT 5 – Disinfection of drinking water for human consumption in public distribution systems and portable devices (automated feeder) – industrial user**

|                                                            |                                                                                                                                                                    |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type                                               | PT05: Drinking water                                                                                                                                               |
| Where relevant, an exact description of the authorised use | Not relevant.                                                                                                                                                      |
| Target organism(s) (including development stage)           | Scientific name: Bacteria<br>Common name: Bacteria<br>Development stage: no data<br>Scientific name: Viruses<br>Common name: Viruses<br>Development stage: no data |
| Field(s) of use                                            | indoor use                                                                                                                                                         |

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application method(s)             | <p>Method: Application by an automated feeder</p> <p>Detailed description:</p> <p>Adjustment applicable in the territory of Germany in accordance with Article 44(5), second subparagraph, of Regulation (EU) No 528/2012:</p> <p>In accordance with the list of authorised treatment substances and disinfection processes of Section 20 of the German Ordinance on the Quality of Water Intended for Human Consumption (TrinkwV), the technical rules for dosing set out in the Deutscher Verein des Gas Wasserfaches e.V. -working sheets W 229, W 296, W 623 and the minimum contact time of W 229 apply (See section 6 for further references).</p> <p>In addition, the requirements of DIN EN 900 Tab. 1, Type 1 shall be met regarding the purity of the releaser calcium hypochlorite.</p>                                                                                                                                                                                                                                                                                                                                                                                       |
| Application rate(s) and frequency | <p>Application Rate: Primary disinfection: 3-5 mg/l (residual)</p> <p>Number and timing of application:</p> <p>Primary disinfection: Apply the product as to reach a concentration between 3 and 5 mg/l of available chlorine in water.</p> <p>Adjustment applicable in the territory of Germany in accordance with Article 44(5), second subparagraph, of Regulation (EU) No 528/2012:</p> <p>In accordance with the list of authorised treatment substances and disinfection processes of Section 20 of the German Ordinance on the Quality of Water Intended for Human Consumption (TrinkwV)</p> <p>Application rate:</p> <p>Maximum addition 1,2mg/l available chlorine in water.</p> <p>Concentration range after completion of treatment: max 0,3 mg/l, min 0,1 mg/l available chlorine in water (including the amounts before treatment and from other treatments)</p> <p>In exceptional cases an addition of up to 4,7 mg/l available chlorine in water and concentration up to 0,6 mg/l available chlorine in water after treatment is acceptable, if disinfection cannot be ensured by other means or if disinfection is temporarily impaired by the presence of ammonium.</p> |
| Category(ies) of users            | industrial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Pack sizes and packaging material | — LDPE bag (100 – 200 kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

#### 4.5.1. Use-specific instructions for use

- Ensure that the concentration of chlorine in drinking water does not exceed national chlorine limit before consumption.
- Ensure that the concentration of chlorate in the drinking water does not exceed the parametric values set in Directive 2020/2184.-
- For food commodities, make sure that the concentration of chlorate present in food does not exceed the maximum residue levels set in Annex III of Regulation (EC) No 396/2005.

#### 4.5.2. Use-specific risk mitigation measures

See general direction for use.

- 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 direction for use.

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

See general direction for use.

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

See general direction for use.

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

### 5.1. Instructions for use

Meta-SPC 1-3:

If the concentrated chlorinated solution is prepared manually, the following procedure is to be strictly followed:

1. Always use a container perfectly cleaned-off and exclusively dedicated to this purpose.
2. Determine the respective amounts of water and product that are necessary to be used in order to reach the desired chlorine concentration, e.g. as follows:

Target available chlorine concentration 0.1%: 1.5 g calcium hypochlorite per 1 L of water

Target available chlorine concentration 0.2%: 3.0 g calcium hypochlorite per 1 L of water

Target available chlorine concentration 1%: 15 g calcium hypochlorite per 1 L of water

Target available chlorine concentration 2%: 30 g calcium hypochlorite per 1 L of water

3. First, pour the necessary amount of water.
  4. While shaking gently, afterwards, slowly pour the necessary amount of product.
  5. Keep on shaking for at least 15 minutes until total dissolution of the product.
- Always read the label or leaflet before use and follow all the instructions provided.
  - Respect the conditions of use of the product.
  - Inform the registration holder if the treatment is ineffective.

### 5.2. Risk mitigation measures

Professional use:

- Wear protective coverall (type 5) in accordance with EN 13982-1 or equivalent and closed footwear in accordance with EN 13832-3 or equivalent, gloves in accordance with EN ISO 374 or equivalent (glove material to be specified by the authorisation holder within the product information) and chemical goggles in accordance with EN 166 or equivalent during mixing and loading task and post-application task (contact with solid).
- Wear protection coverall in accordance with EN 13034 or equivalent, face shield in accordance with EN 166 or equivalent, gloves in accordance with EN ISO 374 or equivalent (glove material to be specified by the authorisation holder within the product information) and chemical goggles in accordance with EN 166 or equivalent during post-application task (contact with concentrated stock solution).
- Wear of respiratory protective equipment (RPE) consistent with EN 136 and EN 14387 or equivalent and with an assigned protection factor of minimum (APF) 20 during manipulation of the product for the mixing and loading task with large amount of product.

- No personal protective equipment (PPE) is needed for mixing and loading task (small scale – packaging  $\leq 10\text{kg}$ ) with a tool (scoop or similar). This tool must have a handle and must not be in contact to the product (must not be stored inside the packaging). Decanting has to be avoided.

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 references to this act and the European Standards.

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

- 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/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 ( $\text{pH} > 11$ ), 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/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/ambulance for medical assistance.
- Keep the container or label available.

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

- Do not discharge unused product on the ground, into water courses, into pipes (sink, toilets...) nor down the drains.
- Dispose of unused product, its packaging and all other waste, in accordance with local regulations.

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

- Store below 35 °C.
- Store away from light.
- Store in a dry place.
- Shelf life: 24 months.

## 6. **OTHER INFORMATION**

With respect to the “Category (ies) of users” note: “Professionals (including industrial users) means trained professionals if this is required by national legislation.

Please note that some Member states after primary disinfection, request to maintain a residual level of available chlorine in drinking water in the pipes as a precautionary measure. This additional amount, claimed by the authorisation holder as “Secondary disinfection: 0.2-0.5 mg/l available chlorine (residual)” has been considered as covered by the primary disinfection.

References to national provisions for the adjustment applicable in the territory of Germany according to Article 44(5), second subparagraph, of Regulation (EU) No 528/2012:

German Ordinance on the Quality of Water Intended for Human Consumption - Verordnung über die Qualität von Wasser für den menschlichen Gebrauch (Trinkwasserverordnung – TrinkwV) in the version of the Second Ordinance for the Revision of the Drinking water Ordinance (Zweite Verordnung zur Novellierung der Trinkwasserverordnung vom 20. Juni 2023 (Bundesgesetzblatt I Nr. 159), [https://www.gesetze-im-internet.de/englisch\\_trinkwv/englisch\\_trinkwv.pdf](https://www.gesetze-im-internet.de/englisch_trinkwv/englisch_trinkwv.pdf).

List of authorised treatment substances and disinfection processes of Section 20 of the TrinkwV: Bekanntmachung des Umweltbundesamtes der Liste zulässiger Aufbereitungsstoffe und Desinfektionsverfahren nach § 20 der Trinkwasserverordnung (Stand: Januar 2023) vom 13. Januar 2023, BAnz AT 27.01.2023 B12.

Deutscher Verein des Gas- und Wasserfaches e.V. (German Technical and Scientific Association for Gas and Water).

Part II, Lfd. Nr.7 of the list of authorised treatment substances and disinfection processes of paragraph 20 of the TrinkwV.

Part I c, Lfd. Nr.1 of the list of authorised treatment substances and disinfection processes of paragraph 20 of the TrinkwV.

Directive (EU) 2020/2184 of the European Parliament and of the Council of 16 December 2020 on the quality of water intended for human consumption (recast)

Regulation (EC) No 396/2005 of the European Parliament and of the Council of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC. Consolidated version available at: ELI: <http://data.europa.eu/eli/reg/2005/396/2024-05-11>

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).

DIN EN 900: Chemicals used for treatment of water intended for human consumption - Calcium hypochlorite

EN 13982-1: Protective clothing for use against solid particulates – Part 1: Performance requirements for chemical protective clothing providing protection to the full body against airborne solid particulates (type 5 clothing)

EN 13832-3: Footwear protecting against chemicals – Part 3: Requirements for prolonged contact with chemicals

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

EN 166: Personal eye-protection – Specifications

EN 136: Respiratory protective devices – Full face masks – Requirements, testing, marking

EN 14387: Respiratory protective devices - Gas filter(s) and combined filter(s) - Requirements, testing, marking

EN 13034: Protective clothing against liquid chemicals – Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (Type 6 and Type PB [6] equipment).

## 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) | hth Shock                     | Market area: EU |
|               | hth SPA<br>CHLORSCHOCK        | Market area: EU |
|               | Constant Chlor<br>Plus CCP-S  | Market area: EU |
|               | hth SPA FLASH<br>SANITIZER    | Market area: EU |
|               | Saniklar Shock                | Market area: EU |
|               | hth SPA FLASH<br>DÉSINFECTION | Market area: EU |
|               | hth Chlor<br>Schock Pulver    | Market area: EU |

|                      |                                               |                 |
|----------------------|-----------------------------------------------|-----------------|
|                      | hth SPA<br>SZOKOWY                            | Market area: EU |
|                      | hth Szokowy                                   | Market area: EU |
|                      | hth SPA<br>CHLORSCHOCK                        | Market area: EU |
|                      | Fi-Clor<br>SUPERFAST<br>GRANULES              | Market area: EU |
|                      | Fi-Clor<br>SUPERFAST<br>SUPERCHLORI-<br>NATOR | Market area: EU |
|                      | Champion Rapid<br>Ultrashock<br>Granules      | Market area: EU |
|                      | SPLASH! Power-<br>Chlor                       | Market area: EU |
|                      | Calcium<br>Hypochlorite<br>Rapid Dissolving   | Market area: EU |
|                      | Calcium<br>Hypochlorite<br>Shock              | Market area: EU |
|                      | hth SPA FLASH<br>DESINFECCIÓN                 | Market area: EU |
|                      | SHOCK                                         | Market area: EU |
|                      | Biosperse CH70<br>SP EU                       | Market area: EU |
|                      | Divosan Clear<br>VT103 SP                     | Market area: EU |
|                      | Ultra Blue                                    | Market area: EU |
|                      | Hypo Chlore<br>Ultra                          | Market area: EU |
|                      | Hypo Chlore<br>Ultra Fin                      | Market area: EU |
|                      | SOS Chlore<br>Choc                            | Market area: EU |
|                      | Chlore Express<br>Ultra Fin                   | Market area: EU |
|                      | Chlore Flash                                  | Market area: EU |
|                      | Aqua Choc                                     | Market area: EU |
|                      | Aqua Shock                                    | Market area: EU |
|                      | Blue Pool Shock                               | Market area: EU |
|                      | Blue Pool Choc                                | Market area: EU |
| Authorisation number | EU-0027464-0001 1-1                           |                 |

| Common name                                        | IUPAC name | Function         | CAS number | EC number | Content (%) |
|----------------------------------------------------|------------|------------------|------------|-----------|-------------|
| Active chlorine released from calcium hypochlorite |            | Active substance |            |           | 65 % (w/w)  |
| Calcium hypochlorite                               |            | Releaser         | 7778-54-3  | 231-908-7 | 100 % (w/w) |

## 1. META SPC 2 ADMINISTRATIVE INFORMATION

## 1.1. Meta SPC 2 identifier

|            |                                               |
|------------|-----------------------------------------------|
| Identifier | Meta SPC: meta-SPC 2 (Water soluble granules) |
|------------|-----------------------------------------------|

## 1.2. Suffix to the authorisation number

|        |     |
|--------|-----|
| Number | 1-2 |
|--------|-----|

## 1.3. Product type(s)

|                 |                                                                                                                                                 |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type(s) | PT02: Disinfectants and algaecides not intended for direct application to humans or animals<br>PT04: Food and feed area<br>PT05: Drinking water |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|

## 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 (%)       |
|----------------------------------------------------|------------|------------------|------------|-----------|-------------------|
| Active chlorine released from calcium hypochlorite |            | Active substance |            |           | 64,3 - 65 % (w/w) |
| Calcium hypochlorite                               |            | Releaser         | 7778-54-3  | 231-908-7 | 99 - 100 % (w/w)  |

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

|                     |                          |
|---------------------|--------------------------|
| Formulation type(s) | SG Water soluble granule |
|---------------------|--------------------------|

## 3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 2

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard statements        | <p>H272: May intensify fire; oxidiser.</p> <p>H302: Harmful if swallowed.</p> <p>H314: Causes severe skin burns and eye damage.</p> <p>H400: Very toxic to aquatic life.</p> <p>EUH031: Contact with acids liberates toxic gas.</p> <p>EUH206: Warning! Do not use together with other products. May release dangerous gases (chlorine).</p> <p>EUH071: Corrosive to the respiratory tract.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Precautionary statements | <p>P101: If medical advice is needed, have product container or label at hand.</p> <p>P102: Keep out of reach of children.</p> <p>P103: Read carefully and follow all instructions.</p> <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>P260: Do not breathe dust.</p> <p>P260: Do not breathe fume.</p> <p>P260: Do not breathe gas.</p> <p>P260: Do not breathe mist.</p> <p>P260: Do not breathe vapours.</p> <p>P260: Do not breathe spray.</p> <p>P264: Wash hands thoroughly after handling.</p> <p>P270: Do not eat, drink or smoke when using this product.</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>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.</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>P310: Immediately call a Poison Center or a doctor.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P370+P378: In case of fire: Use water spray to extinguish.</p> <p>P391: Collect spillage.</p> <p>P501: Dispose of container local regulations.</p> |

## 4. AUTHORISED USE(S) OF THE META SPC

## 4.1. Use description

Table 1

**use # 2-1 PT 2 – Disinfection of swimming pools and spas – professional**

|              |                                                                                            |
|--------------|--------------------------------------------------------------------------------------------|
| Product type | PT02: Disinfectants and algacides not intended for direct application to humans or animals |
|--------------|--------------------------------------------------------------------------------------------|

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Where relevant, an exact description of the authorised use | Not relevant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Target organism(s) (including development stage)           | Scientific name: Bacteria (including <i>L. pneumophila</i> )<br>Common name: Bacteria (including <i>L. pneumophila</i> )<br>Development stage: no data<br>Scientific name: Viruses<br>Common name: Viruses<br>Development stage: no data                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Field(s) of use                                            | indoor use<br>outdoor use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Application method(s)                                      | Method: Direct addition of the product or injection of a stock solution from a tank or from an automated feeder connected to the swimming pool or spa.<br>Detailed description:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Application rate(s) and frequency                          | Application Rate: Maintenance: 1-3 mg/l of available chlorine in water (swimming pool), 2.5 to 4 mg/l of available chlorine in water (spas); Shock: 10 mg/l of available chlorine in water<br>Number and timing of application:<br>Maintenance of swimming pools:<br>Apply the product as needed to maintain a concentration between 1 and 3 mg/l of available chlorine in water.<br>Maintenance of spas:<br>Apply the product as needed to maintain a concentration between 2.5 up to 4 mg/l of available chlorine in water.<br>Shock treatment of swimming pools and spa:<br>Apply the product as to reach a concentration of 10 mg/l of available chlorine in water (contact time: 10 minutes). |
| Category(ies) of users                                     | professional                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Pack sizes and packaging material                          | <ul style="list-style-type: none"> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (0.45 – 1 kg)</li> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (2 – 4 kg)</li> <li>— HDPE or PP or PE pail with HDPE or PP or PE lid (3 – 25 kg)</li> <li>— HDPE or PP or PE drum with HDPE or PP or PE lid (25 – 45 kg)</li> </ul>                                                                                                                                                                                                                                                                                                                                             |

#### 4.1.1. Use-specific instructions for use

- Check regularly chlorine content in the pools as UV could partially degrade chlorine.
- Ensure complete mixing of the product to water.

#### 4.1.2. Use-specific risk mitigation measures

- Application of this product is exclusively allowed in swimming pools with connection to a sewage treatment plant. It is not allowed to directly discharge swimming pool water to the surface water.
- Treatment must be made in absence of bathers for shock treatment and until complete dissolution of the product for direct application for maintenance treatment.
- Do not allow entrance to the pool until the concentration decreases back to 3 mg/l of available chlorine for swimming pools water and 4 mg/l of available chlorine for spas water or to national chlorine limit.

- 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 direction for use.

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

See general direction for use.

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

See general direction for use.

## 4.2. Use description

Table 2

### use # 2-2 PT 2 – Disinfection of swimming pools and spas – non-professional

|                                                            |                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type                                               | PT02: Disinfectants and algaecides not intended for direct application to humans or animals                                                                                                                                                                                              |
| Where relevant, an exact description of the authorised use | Not relevant.                                                                                                                                                                                                                                                                            |
| Target organism(s) (including development stage)           | Scientific name: Bacteria (including <i>L. pneumophila</i> )<br>Common name: Bacteria (including <i>L. pneumophila</i> )<br>Development stage: no data<br>Scientific name: Viruses<br>Common name: Viruses<br>Development stage: no data                                                 |
| Field(s) of use                                            | indoor use<br>outdoor use                                                                                                                                                                                                                                                                |
| Application method(s)                                      | Method: Direct addition of the product to the water surface, e.g. with a scoop or similar.<br>Detailed description:                                                                                                                                                                      |
| Application rate(s) and frequency                          | Application Rate: Shock: 10 mg/l of available chlorine in water<br>Number and timing of application:<br>Shock treatment of swimming pools and spas:<br>Apply the product as to reach a concentration of 10 mg/l of available chlorine in water (contact time: 10 minutes), pH 6,32-7,82. |
| Category(ies) of users                                     | general public (non-professional)                                                                                                                                                                                                                                                        |
| Pack sizes and packaging material                          | — HDPE or PP or PE bottle with HDPE or PP or PE screw cap (0,45 – 1 kg)<br>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (2 – 4 kg)<br>— HDPE or PP or PE pail with HDPE or PP or PE lid (3 – 10 kg)                                                                         |

4.2.1. *Use-specific instructions for use*

- Read label before use.
- Check regularly chlorine content in the pools as UV could partially degrade chlorine.
- Ensure complete mixing of the product to water.

4.2.2. *Use-specific risk mitigation measures*

- Use the dosing device, scoop or similar to transfer the product. This tool must be provided with the packaging and must not be in contact with the product (must not be stored inside the packaging). Decanting has to be avoided.
- Treatment must be made in absence of bathers for shock treatment.
- Do not entrance to the pool until the concentration decreases back to 3 mg/l of available chlorine for swimming pools water and 4 mg/l of available chlorine for spas water or to national chlorine limit .
- Application of this product is exclusively allowed in swimming pools with connection to a sewage treatment plant. It is not allowed to directly discharge swimming pool water to the surface water.
- Washing of hands after use.
- Washing of face/ eye after accidental exposure.
- Avoid contact with skin and eyes.

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*

- If medical advice is needed, have product container or label at hand.

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

See general direction for use.

4.2.5. *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.

4.3. **Use description**

Table 3

**use # 2-3 PT 4 – Disinfection of equipment, containers, pipework associated with drinking water for human consumption by filling/CIP with circulation – professional user**

|                                                            |                                                                                                               |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Product type                                               | PT04: Food and feed area                                                                                      |
| Where relevant, an exact description of the authorised use | Disinfection of interior surfaces of drinking water systems such as pipework by filling/CIP with circulation. |
| Target organism(s) (including development stage)           | Scientific name: Bacteria<br>Common name: Bacteria<br>Development stage: no data                              |
| Field(s) of use                                            | indoor use                                                                                                    |

|                                   |                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application method(s)             | Method: Filling of piping with stock solution<br>Detailed description:                                                                                                                                                                                                                                                                                                                   |
| Application rate(s) and frequency | Application Rate: 100 mg/l of available chlorine in water<br>Number and timing of application:<br>Dissolve 130 g of product into water per cubic meter of the piping to be chlorinated to reach 100 mg/l active chlorine in water.<br>Contact time: 12 hours                                                                                                                             |
| Category(ies) of users            | professional                                                                                                                                                                                                                                                                                                                                                                             |
| Pack sizes and packaging material | <ul style="list-style-type: none"> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (0.45 – 1 kg)</li> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (2 – 4 kg)</li> <li>— HDPE or PP or PE pail with HDPE or PP or PE lid (3 – 25 kg)</li> <li>— HDPE or PP or PE drum with HDPE or PP or PE lid (3 – 45 kg)</li> <li>— LDPE bag (100 – 200 kg)</li> </ul> |

#### 4.3.1. Use-specific instructions for use

- Clean carefully the surfaces before application of the product.

#### 4.3.2. Use-specific risk mitigation measures

- Ensure that the concentration of chlorine in drinking water does not exceed national chlorine limit before consumption.
- Ensure that the concentration of chlorate present in drinking water does not exceed the parametric values set in Directive (EU) 2020/2184.
- For food commodities, make sure that the concentration of chlorate present in food does not exceed the maximum residue levels set in Annex III of Regulation (EC) No 396/2005.

#### 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 direction for use.

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

See general direction for use.

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

See general direction for use.

#### 4.4. Use description

Table 4

#### **use # 2-4 PT 5 – Disinfection of drinking water for human consumption in public distribution systems and portable devices – professional**

Adjustment applicable in the territory of Germany in accordance with Article 44(5), second subparagraph, of Regulation (EU) No 528/2012: This use is not authorised in Germany.

|                                                            |                      |
|------------------------------------------------------------|----------------------|
| Product type                                               | PT05: Drinking water |
| Where relevant, an exact description of the authorised use | Not relevant.        |

|                                                  |                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target organism(s) (including development stage) | Scientific name: Bacteria<br>Common name: Bacteria<br>Development stage: no data<br>Scientific name: Viruses<br>Common name: Viruses<br>Development stage: no data                                                                                                                                                                                     |
| Field(s) of use                                  | indoor use                                                                                                                                                                                                                                                                                                                                             |
| Application method(s)                            | Method: Injection of stock solution from a tank or injection from an automated feeder.<br>Detailed description:                                                                                                                                                                                                                                        |
| Application rate(s) and frequency                | Application Rate: Primary disinfection: 3-5 mg/l (residual)<br>Number and timing of application:<br>Primary disinfection: Apply the product as to reach a concentration between 3 and 5 mg/l of available chlorine in water                                                                                                                            |
| Category(ies) of users                           | professional                                                                                                                                                                                                                                                                                                                                           |
| Pack sizes and packaging material                | <ul style="list-style-type: none"> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (0.45 – 1 kg)</li> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (2 – 4 kg)</li> <li>— HDPE or PP or PE pail with HDPE or PP or PE lid (3 – 25 kg)</li> <li>— HDPE or PP or PE drum with HDPE or PP or PE lid (25 – 45 kg)</li> </ul> |

#### 4.4.1. *Use-specific instructions for use*

See general direction for use.

Not authorised for use in Germany.

#### 4.4.2. *Use-specific risk mitigation measures*

- Ensure that the concentration of chlorine in drinking water does not exceed national chlorine limit before consumption.
- Ensure that the concentration of chlorate present in drinking water does not exceed the parametric values set in Directive (EU) 2020/2184.
- For food commodities, make sure that the concentration of chlorate present in food does not exceed the maximum residue levels set in Annex III of Regulation (EC) No 396/2005.

#### 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 direction for use.

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

See general direction for use.

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

See general direction for use.

## 4.5. Use description

Table 5

**use # 2-5 PT 5 – Disinfection of drinking water for human consumption in public distribution systems and portable devices (automated feeder) – industrial user**

Adjustment applicable in the territory of Germany in accordance with Article 44(5), second subparagraph, of Regulation (EU) No 528/2012: This use is not authorised in Germany.

|                                                            |                                                                                                                                                                                                                             |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type                                               | PT05: Drinking water                                                                                                                                                                                                        |
| Where relevant, an exact description of the authorised use | -                                                                                                                                                                                                                           |
| Target organism(s) (including development stage)           | Scientific name: Bacteria<br>Common name: Bacteria<br>Development stage: no data<br>Scientific name: Viruses<br>Common name: Viruses<br>Development stage: no data                                                          |
| Field(s) of use                                            | indoor use                                                                                                                                                                                                                  |
| Application method(s)                                      | Method: Application by an automated feeder<br>Detailed description:                                                                                                                                                         |
| Application rate(s) and frequency                          | Application Rate: Primary disinfection: 3-5 mg/l (residual)<br>Number and timing of application:<br>Primary disinfection: Apply the product as to reach a concentration between 3 and 5 mg/l of available chlorine in water |
| Category(ies) of users                                     | industrial                                                                                                                                                                                                                  |
| Pack sizes and packaging material                          | — LDPE bag (100 – 200 kg)                                                                                                                                                                                                   |

## 4.5.1. Use-specific instructions for use

See general direction for use -

Not authorised for use in Germany

## 4.5.2. Use-specific risk mitigation measures

- Ensure that the concentration of chlorine in drinking water does not exceed national chlorine limit before consumption.
- Ensure that the concentration of chlorate present in drinking water does not exceed the parametric values set in Directive (EU) 2020/2184.
- For food commodities, make sure that the concentration of chlorate present in food does not exceed the maximum residue levels set in Annex III of Regulation (EC) No 396/2005.

## 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 direction for use.

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

See general direction for use.

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

See general direction for use.

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

#### 5.1. **Instructions for use**

Meta-SPC 1-3:

If the concentrated chlorinated solution is prepared manually, the following procedure is to be strictly followed:

1. Always use a container perfectly cleaned-off and exclusively dedicated to this purpose.
2. Determine the respective amounts of water and product that are necessary to be used in order to reach the desired chlorine concentration, e.g. as follows:

Target available chlorine concentration 0.1%: 1.5 g calcium hypochlorite per 1 liter of water

Target available chlorine concentration 0.2%: 3.0 g calcium hypochlorite per 1 liter of water

Target available chlorine concentration 1%: 15 g calcium hypochlorite per 1 liter of water

Target available chlorine concentration 2%: 30 g calcium hypochlorite per 1 liter of water

3. First, pour the necessary amount of water.
  4. While shaking gently, afterwards, slowly pour the necessary amount of product.
  5. Keep on shaking for at least 15 minutes until total dissolution of the product.
- Always read the label or leaflet before use and follow all the instructions provided.
  - Respect the conditions of use of the product.
  - Inform the registration holder if the treatment is ineffective.

#### 5.2. **Risk mitigation measures**

Professional use:

- Wear protective coverall (type 5) in accordance with EN 13982-1 or equivalent and closed footwear in accordance with EN 13832-3 or equivalent, gloves in accordance with EN ISO 374 or equivalent (glove material to be specified by the authorisation holder within the product information) and chemical goggles in accordance with EN 166 or equivalent during mixing and loading task and post-application task (contact with solid).
- Wear protection coverall in accordance with EN 13034 or equivalent, face shield in accordance with EN 166 or equivalent, gloves in accordance with EN ISO 374 or equivalent (glove material to be specified by the authorisation holder within the product information) and chemical goggles in accordance with EN 166 or equivalent during post-application task (contact with concentrated stock solution).

- Wear of respiratory protective equipment (RPE) consistent with EN 136 and EN 14387 or equivalent and with an assigned protection factor of minimum (APF) 20 during manipulation of the product for the mixing and loading task with large amount of product.
- No personal protective equipment (PPE) is needed for mixing and loading task (small scale – packaging ≤10kg) with a tool (scoop or similar). This tool must have a handle and must not be in contact to the product (must not be stored inside the packaging). Decanting has to be avoided.

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 references to this act and the European Standards.

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

- 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/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/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/ambulance for medical assistance.
- Keep the container or label available.

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

- Do not discharge unused product on the ground, into water courses, into pipes (sink, toilets...) nor down the drains.
- Dispose of unused product, its packaging and all other waste, in accordance with local regulations.

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

- Store below 35 °C.
- Store away from light.
- Store in a dry place.
- Shelf life: 18 months.

**6. OTHER INFORMATION**

With respect to the “Category (ies) of users” note: “Professionals (including industrial users) means trained professionals if this is required by national legislation.

Please note that some Member states after primary disinfection, request to maintain a residual level of available chlorine in drinking water in the pipes as a precautionary measure. This additional amount, claimed by the authorisation holder as “Secondary disinfection: 0.2-0.5 mg/l available chlorine (residual)” has been considered as covered by the primary disinfection.

References to national provisions for the adjustment applicable in the territory of Germany according to Article 44(5), second subparagraph, of Regulation (EU) No 528/2012:

German Ordinance on the Quality of Water Intended for Human Consumption - Verordnung über die Qualität von Wasser für den menschlichen Gebrauch (Trinkwasserverordnung – TrinkwV) in the version of the Second Ordinance for the Revision of the Drinking water Ordinance (Zweite Verordnung zur Novellierung der Trinkwasserverordnung vom 20. Juni 2023 (Bundesgesetzblatt I Nr. 159), [https://www.gesetze-im-internet.de/englisch\\_trinkwv/englisch\\_trinkwv.pdf](https://www.gesetze-im-internet.de/englisch_trinkwv/englisch_trinkwv.pdf).

List of authorised treatment substances and disinfection processes of Section 20 of the TrinkwV: Bekanntmachung des Umweltbundesamtes der Liste zulässiger Aufbereitungsstoffe und Desinfektionsverfahren nach § 20 der Trinkwasserverordnung (Stand: Januar 2023) vom 13. Januar 2023, BAnz AT 27.01.2023 B12.

Deutscher Verein des Gas- und Wasserfaches e.V. (German Technical and Scientific Association for Gas and Water).

Part II, Lfd. Nr.7 of the list of authorised treatment substances and disinfection processes of paragraph 20 of the TrinkwV.

Part I c, Lfd. Nr.1 of the list of authorised treatment substances and disinfection processes of paragraph 20 of the TrinkwV.

Directive (EU) 2020/2184 of the European Parliament and of the Council of 16 December 2020 on the quality of water intended for human consumption (recast)

Regulation (EC) No 396/2005 of the European Parliament and of the Council of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC. Consolidated version available at: ELI: <http://data.europa.eu/eli/reg/2005/396/2024-05-11>

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).

DIN EN 900: Chemicals used for treatment of water intended for human consumption - Calcium hypochlorite

EN 13982-1: Protective clothing for use against solid particulates – Part 1: Performance requirements for chemical protective clothing providing protection to the full body against airborne solid particulates (type 5 clothing)

EN 13832-3: Footwear protecting against chemicals – Part 3: Requirements for prolonged contact with chemicals

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

EN 166: Personal eye-protection – Specifications

EN 136: Respiratory protective devices – Full face masks – Requirements, testing, marking

EN 13034: Protective clothing against liquid chemicals – Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (Type 6 and Type PB [6] equipment).

## 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) | hth granular                    | Market area: EU |
|               | BLUE TECH<br>RAPID BLUE         | Market area: EU |
|               | Constant Chlor<br>plus CCP-G    | Market area: EU |
|               | hth GRANULAR<br>SANITIZER       | Market area: EU |
|               | hth<br>DÉSINFECTANT<br>GRANULÉS | Market area: EU |

|  |                                            |                 |
|--|--------------------------------------------|-----------------|
|  | hth<br>DESINFECTANTE<br>GRANULADO          | Market area: EU |
|  | Marina RAPID<br>BLUE                       | Market area: EU |
|  | hth Granulat                               | Market area: EU |
|  | Saniklar Super<br>Boost                    | Market area: EU |
|  | Marina Calcium<br>Hypochlorite<br>Granular | Market area: EU |
|  | hth Chlorgrenulat                          | Market area: EU |
|  | Granular Chlorine                          | Market area: EU |
|  | ADIC 513                                   | Market area: EU |
|  | Infinity Desical<br>H70 Grano              | Market area: EU |
|  | Champion<br>Chlorine Shock<br>Granules     | Market area: EU |
|  | SPLASH! Shock<br>Chlorine Granules         | Market area: EU |
|  | CALCIUMHYPO-<br>CHLORIT<br>GRANULIERT      | Market area: EU |
|  | CALCIUMHYPO-<br>CHLORIT<br>GRAN.(BLAU)     | Market area: EU |
|  | Aqua-Net<br>Calhypo                        | Market area: EU |
|  | Trichlorin K                               | Market area: EU |
|  | Calhypo Granulat                           | Market area: EU |
|  | Calciumhypo-<br>chlorit Granulat           | Market area: EU |
|  | BIOCOR HC                                  | Market area: EU |
|  | BIOCOR GLP                                 | Market area: EU |
|  | KWZ 990<br>ChlorGranul                     | Market area: EU |
|  | KWZ 992<br>ChlorGranul 25                  | Market area: EU |
|  | Calcium<br>Hypochlorite<br>Granules        | Market area: EU |

|  |                                      |                 |
|--|--------------------------------------|-----------------|
|  | IPOCAL-POOL<br>SD GRANULATE          | Market area: EU |
|  | Chlorom C<br>granulat                | Market area: EU |
|  | Chlor Gran 70%                       | Market area: EU |
|  | Hypo Chlor                           | Market area: EU |
|  | GranuPool 70 %                       | Market area: EU |
|  | Chlorex C                            | Market area: EU |
|  | hth GRANULAR                         | Market area: EU |
|  | CCH GRANULAR                         | Market area: EU |
|  | HYPOBLACK<br>GRANULAR                | Market area: EU |
|  | POOLSUD<br>GRANULAR                  | Market area: EU |
|  | Calcium<br>Hypochlorite<br>Granular  | Market area: EU |
|  | GRANULAR                             | Market area: EU |
|  | RAPID BLUE                           | Market area: EU |
|  | BEQ CHLOR ŠOK                        | Market area: EU |
|  | PWS CHLOR<br>SHOCK<br>granulovaný    | Market area: EU |
|  | BENAQUA<br>CHLOR ŠOK<br>granulovaný  | Market area: EU |
|  | PWS MODRÝ<br>BLESK PLUS              | Market area: EU |
|  | PWS CHLOR FOR<br>WATER               | Market area: EU |
|  | KRYSTALPOOL<br>CHLOR ŠOK<br>granulát | Market area: EU |
|  | CHLOR ŠOK<br>granulát                | Market area: EU |
|  | CHLOR SHOCK                          | Market area: EU |
|  | Chlornan<br>vápenatý                 | Market area: EU |
|  | MAREVAKLORIT                         | Market area: EU |

|                                                    |                         |                     |            |           |             |
|----------------------------------------------------|-------------------------|---------------------|------------|-----------|-------------|
|                                                    | Chlorano HC             | Market area: EU     |            |           |             |
|                                                    | hth chips               | Market area: EU     |            |           |             |
|                                                    | CHIPS                   | Market area: EU     |            |           |             |
|                                                    | Biosperse CH70C         | Market area: EU     |            |           |             |
|                                                    | Biosperse CH70G         | Market area: EU     |            |           |             |
|                                                    | Divosan Clear VT103G    | Market area: EU     |            |           |             |
|                                                    | Divosan Clear VT103C    | Market area: EU     |            |           |             |
|                                                    | Hypo Chlore Choc        | Market area: EU     |            |           |             |
|                                                    | Hypo Chlore Granular    | Market area: EU     |            |           |             |
|                                                    | Chlore Express Granular | Market area: EU     |            |           |             |
|                                                    | Chlore Express          | Market area: EU     |            |           |             |
|                                                    | Aqua Pure               | Market area: EU     |            |           |             |
|                                                    | Blue Pool Granular      | Market area: EU     |            |           |             |
| Authorisation number                               |                         | EU-0027464-0002 1-2 |            |           |             |
| Common name                                        | IUPAC name              | Function            | CAS number | EC number | Content (%) |
| Active chlorine released from calcium hypochlorite |                         | Active substance    |            |           | 65 % (w/w)  |
| Calcium hypochlorite                               |                         | Releaser            | 7778-54-3  | 231-908-7 | 100 % (w/w) |

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

|               |                       |                 |
|---------------|-----------------------|-----------------|
| Trade name(s) | hth easiflow granular | Market area: EU |
|               | hth easiflo granular  | Market area: EU |
|               | POOLSUD               | Market area: EU |
|               | Easiflo Granular      | Market area: EU |

|                                                             |            |                     |                              |                 |              |  |
|-------------------------------------------------------------|------------|---------------------|------------------------------|-----------------|--------------|--|
|                                                             |            |                     | Biosperse<br>CH70 EG<br>EU   | Market area: EU |              |  |
|                                                             |            |                     | Divosan<br>Clear<br>VT103 EG | Market area: EU |              |  |
| Authorisation number                                        |            |                     | EU-0027464-0003 1-2          |                 |              |  |
| Common name                                                 | IUPAC name | Function            | CAS number                   | EC number       | Content (%)  |  |
| Active chlorine<br>released from<br>calcium<br>hypochlorite |            | Active<br>substance |                              |                 | 64,5 % (w/w) |  |
| Calcium<br>hypochlorite                                     |            | Releaser            | 7778-54-3                    | 231-908-7       | 99,3 % (w/w) |  |

## 1. META SPC 3 ADMINISTRATIVE INFORMATION

## 1.1. Meta SPC 3 identifier

|            |                                              |
|------------|----------------------------------------------|
| Identifier | Meta SPC: meta-SPC 3 (Water soluble tablets) |
|------------|----------------------------------------------|

## 1.2. Suffix to the authorisation number

|        |     |
|--------|-----|
| Number | 1-3 |
|--------|-----|

## 1.3. Product type(s)

|                 |                                                                                                                                                   |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type(s) | PT02: Disinfectants and algacides not intended for<br>direct application to humans or animals<br>PT04: Food and feed area<br>PT05: Drinking water |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------|

## 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 (%)       |
|-------------------------------------------------------------|------------|---------------------|------------|-----------|-------------------|
| Active chlorine<br>released from<br>calcium<br>hypochlorite |            | Active<br>substance |            |           | 58,1 - 65 % (w/w) |
| Calcium<br>hypochlorite                                     |            | Releaser            | 7778-54-3  | 231-908-7 | 89 - 100 % (w/w)  |

| Common name         | IUPAC name | Function             | CAS number | EC number | Content (%)     |
|---------------------|------------|----------------------|------------|-----------|-----------------|
| Calcium dihydroxide |            | Non-active substance | 1305-62-0  | 215-137-3 | 0 - 9,5 % (w/w) |

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

|                     |                         |
|---------------------|-------------------------|
| Formulation type(s) | ST Water soluble tablet |
|---------------------|-------------------------|

## 3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 3

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard statements        | <p>H272: May intensify fire; oxidiser.</p> <p>H302: Harmful if swallowed.</p> <p>H314: Causes severe skin burns and eye damage.</p> <p>H400: Very toxic to aquatic life.</p> <p>EUH031: Contact with acids liberates toxic gas.</p> <p>EUH206: Warning! Do not use together with other products. May release dangerous gases (chlorine).</p> <p>EUH071: Corrosive to the respiratory tract.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Precautionary statements | <p>P101: If medical advice is needed, have product container or label at hand.</p> <p>P102: Keep out of reach of children.</p> <p>P103: Read carefully and follow all instructions.</p> <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>P260: Do not breathe dust.</p> <p>P260: Do not breathe fume.</p> <p>P260: Do not breathe gas.</p> <p>P260: Do not breathe mist.</p> <p>P260: Do not breathe vapours.</p> <p>P260: Do not breathe spray.</p> <p>P264: Wash hands thoroughly after handling.</p> <p>P270: Do not eat, drink or smoke when using this product.</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>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.</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>P310: Immediately call a Poison Center or a doctor.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P370+P378: In case of fire: Use water spray to extinguish.</p> <p>P391: Collect spillage.</p> <p>P501: Dispose of container local regulations.</p> |

## 4. AUTHORISED USE(S) OF THE META SPC

## 4.1. Use description

Table 1

**use # 3-1 PT 2 – Disinfection of swimming pools and spas – professional**

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type                                               | PT02: Disinfectants and algaecides not intended for direct application to humans or animals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Where relevant, an exact description of the authorised use | Not relevant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Target organism(s) (including development stage)           | Scientific name: Bacteria (including <i>L. pneumophila</i> )<br>Common name: Bacteria (including <i>L. pneumophila</i> )<br>Development stage: no data<br>Scientific name: Viruses<br>Common name: Viruses<br>Development stage: no data                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Field(s) of use                                            | indoor use<br>outdoor use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Application method(s)                                      | Method: Dissolution using a floating device, Dissolution through skimmer, Injection through automated feeder connected to the swimming pool or spa<br>Detailed description:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application rate(s) and frequency                          | Application Rate: Maintenance: 1-3 mg/l of available chlorine in water (swimming pool), 2.5 to 4 mg/l of available chlorine in water (spas); Shock treatment: 10 mg/l of available chlorine in water<br>Number and timing of application:<br>Maintenance of swimming pools:<br>Apply the product as needed to maintain a concentration between 1 and 3 mg/l of available chlorine in water.<br>Maintenance of spas:<br>Apply the product as needed to maintain a concentration between 2.5 up to 4 mg/l of available chlorine in water.<br>Shock treatment of swimming pools and spa:<br>Apply the product as to reach a concentration of 10 mg/l of available chlorine in water (contact time: 10 minutes). |
| Category(ies) of users                                     | professional                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Pack sizes and packaging material                          | — HDPE or PP or PE bottle with HDPE or PP or PE screw cap (0.45 – 1 kg)<br>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (2 – 4 kg)<br>— HDPE or PP or PE pail with HDPE or PP or PE lid (3 – 25 kg)<br>— HDPE or PP or PE drum with HDPE or PP or PE lid (25 – 45 kg)                                                                                                                                                                                                                                                                                                                                                                                                                           |

## 4.1.1. Use-specific instructions for use

- Check regularly chlorine content in the pools as UV could partially degrade chlorine.
- Ensure complete mixing of the product to water.

#### 4.1.2. Use-specific risk mitigation measures

- Treatment must be made in absence of bathers for shock treatment.
- Do not allow entrance to the pool until the concentration decreases back to 3 mg/l of available chlorine for swimming pools water and 4 mg/l of available chlorine for spas water or to national chlorine limit.
- Application of this product is exclusively allowed in swimming pools with connection to a sewage treatment plant. It is not allowed to directly discharge swimming pool water to the surface water.

#### 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 direction for use.

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

See general direction for use.

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

See general direction for use.

### 4.2. Use description

Table 2

#### use # 3-2 PT 2 – Disinfection of swimming pools and spas – non-professional

|                                                            |                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type                                               | PT02: Disinfectants and algaecides not intended for direct application to humans or animals                                                                                                                                                                                     |
| Where relevant, an exact description of the authorised use | Not relevant.                                                                                                                                                                                                                                                                   |
| Target organism(s) (including development stage)           | Scientific name: Bacteria<br>Common name: Bacteria (including <i>L. pneumophila</i> )<br>Development stage: no data<br>Scientific name: Viruses<br>Common name: Viruses<br>Development stage: no data                                                                           |
| Field(s) of use                                            | indoor use<br>outdoor use                                                                                                                                                                                                                                                       |
| Application method(s)                                      | Method: Dissolution through a skimmer, Dissolution using a floating device, Injection through an automated feeder<br>Detailed description:                                                                                                                                      |
| Application rate(s) and frequency                          | Application Rate: Maintenance: 1-3 mg/l of available chlorine in water (swimming pool), 2.5 to 4 mg/l of available chlorine in water (spas); Shock treatment: 10 mg/l of available chlorine in water.<br>Contact time 10 min, pH 6.32-7.82<br>Number and timing of application: |
| Category(ies) of users                                     | general public (non-professional)                                                                                                                                                                                                                                               |
| Pack sizes and packaging material                          | <ul style="list-style-type: none"> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (0.45 – 1 kg)</li> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (2 – 4 kg)</li> <li>— HDPE or PP or PE pail with HDPE or PP or PE lid (3 – 10 kg)</li> </ul>  |

#### 4.2.1. *Use-specific instructions for use*

- Read label before use.
- Check regularly chlorine content in the pools as UV could partially degrade chlorine.
- Ensure complete mixing of the product to water.

#### 4.2.2. *Use-specific risk mitigation measures*

- Use a plier or similar to transfer the product. This tool must be provided with the packaging and must not be in contact with the product (must not be stored inside the packaging). Decanting has to be avoided.
- Application of this product is exclusively allowed in swimming pools with connection to a sewage treatment plant. It is not allowed to directly discharge swimming pool water to the surface water.
- Do not allow entrance to the pool until the concentration decreases back to 3 mg/l of available chlorine for swimming pools water and 4 mg/l of available chlorine for spas water or to national chlorine limit.
- Treatment must be made in absence of bathers for shock treatment.
- Avoid contact with skin and eyes
- Washing of hands after use.
- Washing of face/ eye after accidental exposure.
- Wait for the complete dissolution of the product before working on the floating device, dosing pump or the skimmer.

#### 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 direction for use.

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

- If medical advice is needed, have product container or label at hand.

#### 4.2.5. *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.

### 4.3. **Use description**

Table 3

#### **use # 3-3 PT 4 – Disinfection of equipment, containers, pipework associated with drinking water for human consumption by filling/CIP with circulation– professional user**

|                                                            |                                                                                                               |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Product type                                               | PT04: Food and feed area                                                                                      |
| Where relevant, an exact description of the authorised use | Disinfection of interior surfaces of drinking water systems such as pipework by filling/CIP with circulation; |
| Target organism(s) (including development stage)           | Scientific name: Bacteria<br>Common name: Bacteria<br>Development stage: no data                              |

|                                   |                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Field(s) of use                   | indoor use                                                                                                                                                                                                                                                                                                                                                                                |
| Application method(s)             | Method: Filling of piping with stock solution<br>Detailed description:                                                                                                                                                                                                                                                                                                                    |
| Application rate(s) and frequency | Application Rate: 100 mg/l of available chlorine in water<br>Number and timing of application:<br>Dissolve 130 g of product into water per cubic meter of the piping to be chlorinated to reach 100 mg/l of available chlorine in water<br>Contact time: 12 hours                                                                                                                         |
| Category(ies) of users            | professional                                                                                                                                                                                                                                                                                                                                                                              |
| Pack sizes and packaging material | <ul style="list-style-type: none"> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (0.45 – 1 kg)</li> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (2 – 4 kg)</li> <li>— HDPE or PP or PE pail with HDPE or PP or PE lid (3 – 25 kg)</li> <li>— HDPE or PP or PE drum with HDPE or PP or PE lid (25 – 45 kg)</li> <li>— LDPE bag (100 – 200 kg)</li> </ul> |

#### 4.3.1. *Use-specific instructions for use*

- Clean carefully the surfaces before application of the product.
- Dissolve xx g [amount to be specified by authorisation holder for each individual product] of product into water per cubic meter of the piping to be chlorinated (100 mg/L active chlorine).

#### 4.3.2. *Use-specific risk mitigation measures*

- Ensure that the concentration of chlorine in drinking water does not exceed national chlorine limit before consumption.
- Ensure that the concentration of chlorate present in drinking water does not exceed the parametric values set in Directive 2020/2184.
- For food commodities, make sure that the concentration of chlorate present in food does not exceed the maximum residue levels set in Annex III of Regulation (EC) No 396/2005.

#### 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 direction for use.

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

See general direction for use.

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

See general direction for use.

## 4.4. Use description

Table 4

**use # 3-4 PT 5 – Disinfection of drinking water for human consumption in public distribution systems and portable devices – professional**

Adjustment applicable in the territory of Germany in accordance with Article 44(5), second subparagraph, of Regulation (EU) No 528/2012: This use is not authorised in Germany.

|                                                            |                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type                                               | PT05: Drinking water                                                                                                                                                                                                                                                                                                                                   |
| Where relevant, an exact description of the authorised use | Not relevant.                                                                                                                                                                                                                                                                                                                                          |
| Target organism(s) (including development stage)           | Scientific name: Bacteria<br>Common name: Bacteria<br>Development stage: no data<br>Scientific name: Viruses<br>Common name: Viruses<br>Development stage: no data                                                                                                                                                                                     |
| Field(s) of use                                            | indoor use                                                                                                                                                                                                                                                                                                                                             |
| Application method(s)                                      | Method: Injection of a stock solution from a tank or from an automated feeder<br>Detailed description:-                                                                                                                                                                                                                                                |
| Application rate(s) and frequency                          | Application Rate: Primary disinfection: 3-5 mg/l (residual)<br>Number and timing of application:<br>Primary disinfection: Apply the product as to reach a concentration between 3 and 5 mg/l of available chlorine in water                                                                                                                            |
| Category(ies) of users                                     | professional                                                                                                                                                                                                                                                                                                                                           |
| Pack sizes and packaging material                          | <ul style="list-style-type: none"> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (0.45 – 1 kg)</li> <li>— HDPE or PP or PE bottle with HDPE or PP or PE screw cap (2 – 4 kg)</li> <li>— HDPE or PP or PE pail with HDPE or PP or PE lid (3 – 25 kg)</li> <li>— HDPE or PP or PE drum with HDPE or PP or PE lid (25 – 45 kg)</li> </ul> |

## 4.4.1. Use-specific instructions for use

See general direction for use.

Not authorised for use in Germany.

## 4.4.2. Use-specific risk mitigation measures

- Ensure that the concentration of chlorine in drinking water does not exceed national chlorine limit before consumption.
- Ensure that the concentration of chlorate present in the drinking water does not exceed the parametric values set in Directive 2020/2184.
- For food commodities, make sure that the concentration of chlorate present in food does not exceed the maximum residue levels in Annex III of Regulation (EC) No 396/2005.

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 direction for use.

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

See general direction for use.

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

See general direction for use.

#### 4.5. Use description

Table 5

##### **use # 3-5 PT 5 – Disinfection of drinking water for human consumption in public distribution systems and portable devices (automated feeder) – industrial user**

Adjustment applicable in the territory of Germany in accordance with Article 44(5), second subparagraph, of Regulation (EU) No 528/2012: This use is not authorised in Germany.

|                                                            |                                                                                                                                                                                                                             |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type                                               | PT05: Drinking water                                                                                                                                                                                                        |
| Where relevant, an exact description of the authorised use | Not relevant.                                                                                                                                                                                                               |
| Target organism(s) (including development stage)           | Scientific name: Bacteria<br>Common name: Bacteria<br>Development stage: no data<br>Scientific name: Viruses<br>Common name: Viruses<br>Development stage: no data                                                          |
| Field(s) of use                                            | indoor use                                                                                                                                                                                                                  |
| Application method(s)                                      | Method: Application by an automated feeder<br>Detailed description:                                                                                                                                                         |
| Application rate(s) and frequency                          | Application Rate: Primary disinfection: 3-5 mg/l (residual)<br>Number and timing of application:<br>Primary disinfection: Apply the product as to reach a concentration between 3 and 5 mg/l of available chlorine in water |
| Category(ies) of users                                     | industrial                                                                                                                                                                                                                  |
| Pack sizes and packaging material                          | — LDPE bag (100 – 200 kg)                                                                                                                                                                                                   |

4.5.1. *Use-specific instructions for use*

See general direction for use.

Not authorised for use in Germany.

4.5.2. *Use-specific risk mitigation measures*

— Ensure that the concentration of chlorine in drinking water does not exceed national chlorine limit before consumption.

- Ensure that the concentration of chlorate present in drinking water does not exceed the parametric values set in Directive 2020/2184.
- For food commodities, make sure that the concentration of chlorate present in food does not exceed the maximum residue levels set in Annex III of Regulation (EC) No 396/2005.

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 direction for use

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

See general direction for use

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

See general direction for use

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 3

5.1. **Instructions for use**

Meta-SPC 1-3:

If the concentrated chlorinated solution is prepared manually, the following procedure is to be strictly followed:

1. Always use a container perfectly cleaned-off and exclusively dedicated to this purpose.
2. Determine the respective amounts of water and product that are necessary to be used in order to reach the desired chlorine concentration, e.g. as follows:

Target available chlorine concentration 0.1%: 1.5 g calcium hypochlorite per 1 L of water

Target available chlorine concentration 0.2%: 3.0 g calcium hypochlorite per 1 L of water

Target available chlorine concentration 1%: 15 g calcium hypochlorite per 1 L of water

Target available chlorine concentration 2%: 30 g calcium hypochlorite per 1 L of water

3. First, pour the necessary amount of water.
  4. While shaking gently, afterwards, slowly pour the necessary amount of product.
  5. Keep on shaking for at least 15 minutes until total dissolution of the product.
- Always read the label or leaflet before use and follow all the instructions provided.
  - Respect the conditions of use of the product.
  - Inform the registration holder if the treatment is ineffective.

5.2. **Risk mitigation measures**

Professional use:

- Wear protective overall (type 5) in accordance with EN 13982-1 or equivalent and closed footwear in accordance with EN 13832-3 or equivalent, gloves in accordance with EN ISO 374 or equivalent (glove material to be specified by the authorisation holder within the product information) and chemical goggles in accordance with EN 166 or equivalent during mixing and loading task and post-application task (contact with solid).

- Wear protection coverall in accordance with EN 13034 or equivalent, face shield in accordance with EN 166 or equivalent, gloves in accordance with EN ISO 374 or equivalent (glove material to be specified by the authorisation holder within the product information) and chemical goggles in accordance with EN 166 or equivalent during post-application task (contact with concentrated stock solution).
- Wear of respiratory protective equipment (RPE) consistent with EN 136 and EN 14387 or equivalent and with an assigned protection factor of minimum (APF) 20 during manipulation of the product for the mixing and loading task with large amount of product.
- No personal protective equipment (PPE) is needed for mixing and loading task (small scale – packaging ≤10kg) with a tool (scoop or similar). This tool must have a handle and must not be in contact to the product (must not be stored inside the packaging). Decanting has to be avoided.

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 references to this act and the European Standards.

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

- 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/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/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/ambulance for medical assistance.
- Keep the container or label available.

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

- Do not discharge unused product on the ground, into water courses, into pipes (sink, toilets...) nor down the drains.
- Dispose of unused product, its packaging and all other waste, in accordance with local regulations.

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

- Store below 30 °C.
- Store away from light.
- Store in a dry place.
- Shelf life: 24 months.

### 6. **OTHER INFORMATION**

With respect to the “Category (ies) of users” note: “Professionals (including industrial users) means trained professionals if this is required by national legislation.

Please note that some Member states after primary disinfection, request to maintain a residual level of available chlorine in drinking water in the pipes as a precautionary measure. This additional amount, claimed by the authorisation holder as “Secondary disinfection: 0.2-0.5 mg/l available chlorine (residual)” has been considered as covered by the primary disinfection.

References to national provisions for the adjustment applicable in the territory of Germany according to Article 44(5), second subparagraph, of Regulation (EU) No 528/2012:

German Ordinance on the Quality of Water Intended for Human Consumption - Verordnung über die Qualität von Wasser für den menschlichen Gebrauch (Trinkwasserverordnung – TrinkwV) in the version of the Second Ordinance for the Revision of the Drinking water Ordinance (Zweite Verordnung zur Novellierung der Trinkwasserverordnung vom 20. Juni 2023 (Bundesgesetzblatt I Nr. 159), [https://www.gesetze-im-internet.de/englisch\\_trinkwv/englisch\\_trinkwv.pdf](https://www.gesetze-im-internet.de/englisch_trinkwv/englisch_trinkwv.pdf).

List of authorised treatment substances and disinfection processes of Section 20 of the TrinkwV: Bekanntmachung des Umweltbundesamtes der Liste zulässiger Aufbereitungsstoffe und Desinfektionsverfahren nach § 20 der Trinkwasserverordnung (Stand: Januar 2023) vom 13. Januar 2023, BAnz AT 27.01.2023 B12.

Deutscher Verein des Gas- und Wasserfaches e.V. (German Technical and Scientific Association for Gas and Water).

Part II, Lfd. Nr.7 of the list of authorised treatment substances and disinfection processes of paragraph 20 of the TrinkwV.

Part I c, Lfd. Nr.1 of the list of authorised treatment substances and disinfection processes of paragraph 20 of the TrinkwV.

Directive (EU) 2020/2184 of the European Parliament and of the Council of 16 December 2020 on the quality of water intended for human consumption (recast)

Regulation (EC) No 396/2005 of the European Parliament and of the Council of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC. Consolidated version available at: ELI: <http://data.europa.eu/eli/reg/2005/396/2024-05-11>

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).

DIN EN 900: Chemicals used for treatment of water intended for human consumption - Calcium hypochlorite

EN 13982-1: Protective clothing for use against solid particulates – Part 1: Performance requirements for chemical protective clothing providing protection to the full body against airborne solid particulates (type 5 clothing)

EN 13832-3: Footwear protecting against chemicals – Part 3: Requirements for prolonged contact with chemicals

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

EN 166: Personal eye-protection – Specifications

EN 136: Respiratory protective devices – Full face masks – Requirements, testing, marking

EN 13034: Protective clothing against liquid chemicals – Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (Type 6 and Type PB [6] equipment).

## 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)                                               |            |                     | CCH tablets                | Market area: EU |              |
|-------------------------------------------------------------|------------|---------------------|----------------------------|-----------------|--------------|
|                                                             |            |                     | TABLETS                    | Market area: EU |              |
|                                                             |            |                     | Biosperse<br>CH70 T EU     | Market area: EU |              |
|                                                             |            |                     | Divosan<br>Clear<br>VT103T | Market area: EU |              |
| Authorisation number                                        |            |                     | EU-0027464-0004 1-3        |                 |              |
| Common name                                                 | IUPAC name | Function            | CAS number                 | EC number       | Content (%)  |
| Active chlorine<br>released from<br>calcium<br>hypochlorite |            | Active<br>substance |                            |                 | 64,3 % (w/w) |
| Calcium<br>hypochlorite                                     |            | Releaser            | 7778-54-3                  | 231-908-7       | 99 % (w/w)   |

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

|                      |                                     |                 |
|----------------------|-------------------------------------|-----------------|
| Trade name(s)        | hth<br>Briquette                    | Market area: EU |
|                      | Saniklar<br>Day Tabs                | Market area: EU |
|                      | Marina<br>CHLOR<br>EKONO-<br>MICZNY | Market area: EU |
|                      | Pulsar Plus<br>Briquettes           | Market area: EU |
|                      | BRI-<br>QUETTE                      | Market area: EU |
|                      | Biosperse<br>CH70 B EU              | Market area: EU |
|                      | Divosan<br>Clear<br>VT103B          | Market area: EU |
| Authorisation number | EU-0027464-0005 1-3                 |                 |

| Common name                                        | IUPAC name | Function         | CAS number | EC number | Content (%) |
|----------------------------------------------------|------------|------------------|------------|-----------|-------------|
| Active chlorine released from calcium hypochlorite |            | Active substance |            |           | 65 % (w/w)  |
| Calcium hypochlorite                               |            | Releaser         | 7778-54-3  | 231-908-7 | 100 % (w/w) |

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

|                                                    |            |                      |                              |                 |              |
|----------------------------------------------------|------------|----------------------|------------------------------|-----------------|--------------|
| Trade name(s)                                      |            |                      | Hth<br>Duration<br>unwrapped | Market area: EU |              |
|                                                    |            |                      | Hth<br>Duration              | Market area: EU |              |
|                                                    |            |                      | Biosperse<br>CH70 TD<br>EU   | Market area: EU |              |
|                                                    |            |                      | Divosan<br>Clear<br>VT103 TD | Market area: EU |              |
| Authorisation number                               |            |                      | EU-0027464-0006 1-3          |                 |              |
| Common name                                        | IUPAC name | Function             | CAS number                   | EC number       | Content (%)  |
| Active chlorine released from calcium hypochlorite |            | Active substance     |                              |                 | 64 % (w/w)   |
| Calcium hypochlorite                               |            | Releaser             | 7778-54-3                    | 231-908-7       | 98,5 % (w/w) |
| Calcium dihydroxide                                |            | Non-active substance | 1305-62-0                    | 215-137-3       | 1,5 % (w/w)  |

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

|               |                                     |                 |
|---------------|-------------------------------------|-----------------|
| Trade name(s) | hth Stick                           | Market area: EU |
|               | Constant<br>Chlor Plus<br>CCP-STICK | Market area: EU |
|               | FI-CLOR<br>Supercap-<br>sules       | Market area: EU |
|               | Saniklar<br>Tempo<br>STICK          | Market area: EU |

|                                                             |                              |                         |            |           |              |
|-------------------------------------------------------------|------------------------------|-------------------------|------------|-----------|--------------|
|                                                             | STICK                        | Market area: EU         |            |           |              |
|                                                             | Biosperse<br>CH70 TS<br>EU   | Market area: EU         |            |           |              |
|                                                             | Divosan<br>Clear<br>VT103 TS | Market area: EU         |            |           |              |
|                                                             | Long Blue<br>Stick           | Market area: EU         |            |           |              |
|                                                             | Hypo<br>Chlore<br>Stick      | Market area: EU         |            |           |              |
|                                                             | Chlore<br>Control<br>Stick   | Market area: EU         |            |           |              |
|                                                             | Aqua Stick                   | Market area: EU         |            |           |              |
|                                                             | Blue Pool<br>Stick           | Market area: EU         |            |           |              |
| Authorisation number                                        |                              | EU-0027464-0007 1-3     |            |           |              |
| Common name                                                 | IUPAC name                   | Function                | CAS number | EC number | Content (%)  |
| Active chlorine<br>released from<br>calcium<br>hypochlorite |                              | Active<br>substance     |            |           | 64 % (w/w)   |
| Calcium<br>hypochlorite                                     |                              | Releaser                | 7778-54-3  | 231-908-7 | 98,5 % (w/w) |
| Calcium<br>dihydroxide                                      |                              | Non-active<br>substance | 1305-62-0  | 215-137-3 | 1,5 % (w/w)  |

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

|               |                                     |                 |
|---------------|-------------------------------------|-----------------|
| Trade name(s) | hth e-flo<br>briquette              | Market area: EU |
|               | Constant<br>Chlor Plus<br>CCP-B7    | Market area: EU |
|               | Constant<br>Chlor Plus<br>Briquette | Market area: EU |
|               | ChlorTek<br>101                     | Market area: EU |
|               | MICRO-<br>CHEM<br>M101              | Market area: EU |

|                                                    |                                 |                     |            |           |              |
|----------------------------------------------------|---------------------------------|---------------------|------------|-----------|--------------|
|                                                    | HEL 6063                        | Market area: EU     |            |           |              |
|                                                    | accepta 6063                    | Market area: EU     |            |           |              |
|                                                    | Calcium Hypochlorite Briquettes | Market area: EU     |            |           |              |
|                                                    | hth easiflo briquette           | Market area: EU     |            |           |              |
|                                                    | Easiflo briquette               | Market area: EU     |            |           |              |
|                                                    | hth Easiflo Pastylki            | Market area: EU     |            |           |              |
|                                                    | Biosperse CH70 EB EU            | Market area: EU     |            |           |              |
|                                                    | Divosan Clear VT103 EB          | Market area: EU     |            |           |              |
|                                                    | Long Blue Briquette             | Market area: EU     |            |           |              |
|                                                    | Hypo Chlore Briquette           | Market area: EU     |            |           |              |
|                                                    | Chlore Control Briquette        | Market area: EU     |            |           |              |
|                                                    | Aqua Briquette                  | Market area: EU     |            |           |              |
|                                                    | Blue Pool Briquette             | Market area: EU     |            |           |              |
| Authorisation number                               |                                 | EU-0027464-0008 1-3 |            |           |              |
| Common name                                        | IUPAC name                      | Function            | CAS number | EC number | Content (%)  |
| Active chlorine released from calcium hypochlorite |                                 | Active substance    |            |           | 64,5 % (w/w) |
| Calcium hypochlorite                               |                                 | Releaser            | 7778-54-3  | 231-908-7 | 99,3 % (w/w) |

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

|                                                    |            |                  |                            |                 |              |  |
|----------------------------------------------------|------------|------------------|----------------------------|-----------------|--------------|--|
| Trade name(s)                                      |            |                  | Poolife A 300              | Market area: EU |              |  |
|                                                    |            |                  | hth POOLIFE Autofeed A 300 | Market area: EU |              |  |
|                                                    |            |                  | Biosperse CH70 TP EU       | Market area: EU |              |  |
|                                                    |            |                  | Divosan Clear VT103 TP     | Market area: EU |              |  |
| Authorisation number                               |            |                  | EU-0027464-0009 1-3        |                 |              |  |
| Common name                                        | IUPAC name | Function         | CAS number                 | EC number       | Content (%)  |  |
| Active chlorine released from calcium hypochlorite |            | Active substance |                            |                 | 64,3 % (w/w) |  |
| Calcium hypochlorite                               |            | Releaser         | 7778-54-3                  | 231-908-7       | 98,9 % (w/w) |  |

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

|                                                             |            |                         |                                    |                 |           |  |              |  |
|-------------------------------------------------------------|------------|-------------------------|------------------------------------|-----------------|-----------|--|--------------|--|
| Trade name(s)                                               |            |                         | CCH<br>Endurance                   | Market area: EU |           |  |              |  |
|                                                             |            |                         | Constant<br>Chlor Plus<br>Marathon | Market area: EU |           |  |              |  |
|                                                             |            |                         | ENDUR-<br>ANCE                     | Market area: EU |           |  |              |  |
|                                                             |            |                         | Biosperse<br>CH70 TE<br>EU         | Market area: EU |           |  |              |  |
|                                                             |            |                         | Divosan<br>Clear<br>VT103 TE       | Market area: EU |           |  |              |  |
| Authorisation number                                        |            |                         | EU-0027464-0010 1-3                |                 |           |  |              |  |
| Common name                                                 | IUPAC name | Function                | CAS number                         |                 | EC number |  | Content (%)  |  |
| Active chlorine<br>released from<br>calcium<br>hypochlorite |            | Active substance        |                                    |                 |           |  | 58,4 % (w/w) |  |
| Calcium<br>hypochlorite                                     |            | Releaser                | 7778-54-3                          |                 | 231-908-7 |  | 89,9 % (w/w) |  |
| Calcium<br>dihydroxide                                      |            | Non-active<br>substance | 1305-62-0                          |                 | 215-137-3 |  | 9 % (w/w)    |  |

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

|                                                             |            |                         |                              |                 |              |
|-------------------------------------------------------------|------------|-------------------------|------------------------------|-----------------|--------------|
| Trade name(s)                                               |            |                         | hth<br>Advanced              | Market area: EU |              |
|                                                             |            |                         | FI-CLOR<br>Advanced          | Market area: EU |              |
|                                                             |            |                         | Saniklar<br>Advanced         | Market area: EU |              |
|                                                             |            |                         | Advanced                     | Market area: EU |              |
|                                                             |            |                         | Biosperse<br>CH70 TA<br>EU   | Market area: EU |              |
|                                                             |            |                         | Divosan<br>Clear<br>VT103 TA | Market area: EU |              |
| Authorisation number                                        |            |                         | EU-0027464-0011 1-3          |                 |              |
| Common name                                                 | IUPAC name | Function                | CAS number                   | EC number       | Content (%)  |
| Active chlorine<br>released from<br>calcium<br>hypochlorite |            | Active<br>substance     |                              |                 | 58,8 % (w/w) |
| Calcium<br>hypochlorite                                     |            | Releaser                | 7778-54-3                    | 231-908-7       | 90,5 % (w/w) |
| Calcium<br>dihydroxide                                      |            | Non-active<br>substance | 1305-62-0                    | 215-137-3       | 9,4 % (w/w)  |

## 1. META SPC 4 ADMINISTRATIVE INFORMATION

## 1.1. Meta SPC 4 identifier

|            |                                                              |
|------------|--------------------------------------------------------------|
| Identifier | Meta SPC: meta-SPC 4 (Water soluble tablets - Non-oxidising) |
|------------|--------------------------------------------------------------|

## 1.2. Suffix to the authorisation number

|        |     |
|--------|-----|
| Number | 1-4 |
|--------|-----|

## 1.3. Product type(s)

|                 |                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------|
| Product type(s) | PT02: Disinfectants and algacides not intended for direct application to humans or animals |
|-----------------|--------------------------------------------------------------------------------------------|

## 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 (%)         |
|----------------------------------------------------|------------|----------------------|------------|-----------|---------------------|
| Active chlorine released from calcium hypochlorite |            | Active substance     |            |           | 40,3 - 40,3 % (w/w) |
| Calcium hypochlorite                               |            | Releaser             | 7778-54-3  | 231-908-7 | 62 - 62 % (w/w)     |
| Calcium dihydroxide                                |            | Non-active substance | 1305-62-0  | 215-137-3 | 10,5 - 11 % (w/w)   |

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

|                     |                         |
|---------------------|-------------------------|
| Formulation type(s) | ST Water soluble tablet |
|---------------------|-------------------------|

## 3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 4

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard statements        | <p>H302: Harmful if swallowed.</p> <p>H314: Causes severe skin burns and eye damage.</p> <p>H400: Very toxic to aquatic life.</p> <p>H272: May intensify fire; oxidiser.</p> <p>EUH031: Contact with acids liberates toxic gas.</p> <p>EUH071: Corrosive to the respiratory tract.</p> <p>EUH206: Warning! Do not use together with other products. May release dangerous gases (chlorine).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Precautionary statements | <p>P101: If medical advice is needed, have product container or label at hand.</p> <p>P102: Keep out of reach of children.</p> <p>P103: Read carefully and follow all instructions.</p> <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>P260: Do not breathe dust.</p> <p>P260: Do not breathe fume.</p> <p>P260: Do not breathe gas.</p> <p>P260: Do not breathe mist.</p> <p>P260: Do not breathe vapours.</p> <p>P260: Do not breathe spray.</p> <p>P264: Wash hands thoroughly after handling.</p> <p>P270: Do not eat, drink or smoke when using this product.</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>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.</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>P310: Immediately call a Poison Center or a doctor.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P391: Collect spillage.</p> <p>P501: Dispose of container local regulations.</p> <p>P370+P378: In case of fire: Use water spray to extinguish.</p> |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 4. AUTHORISED USE(S) OF THE META SPC

##### 4.1. Use description

Table 1

#### use # 4-1 PT 2 – Disinfection of swimming pools and spas – non-professional

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type                                               | PT02: Disinfectants and algaecides not intended for direct application to humans or animals                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Where relevant, an exact description of the authorised use | Not relevant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Target organism(s) (including development stage)           | <p>Scientific name: Bacteria (including <i>L. pneumophila</i>)</p> <p>Common name: Bacteria (including <i>L. pneumophila</i>)</p> <p>Development stage: no data</p> <p>Scientific name: Viruses</p> <p>Common name: Viruses</p> <p>Development stage: no data</p>                                                                                                                                                                                                                                                                      |
| Field(s) of use                                            | <p>indoor use</p> <p>outdoor use</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Application method(s)                                      | <p>Method: Dissolution through skimmer</p> <p>Detailed description:</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Application rate(s) and frequency                          | <p>Application Rate: Maintenance: 1-3 mg/l of available chlorine in water (swimming pool), 2.5 to 4 mg/l of available chlorine in water (spas)</p> <p>Number and timing of application:</p> <p>Maintenance of swimming pools:</p> <p>Apply the product as needed to maintain a concentration between 1 and 3 mg/l of available chlorine in water (pH 6,32-7,82)</p> <p>Maintenance of spas:</p> <p>Apply the product as needed to maintain a concentration between 2.5 up to 4 mg/l of available chlorine in water (pH 6,32-7,82).</p> |
| Category(ies) of users                                     | general public (non-professional)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Pack sizes and packaging material                          | <p>— HDPE bottle with PP screw cap (0.45 – 1 kg)</p> <p>— HDPE bottle with HDPE screw cap (2 – 4 kg)</p> <p>— HDPE pail with HDPE lid (3 – 10 kg)</p>                                                                                                                                                                                                                                                                                                                                                                                  |

#### 4.1.1. *Use-specific instructions for use*

- Check regularly chlorine content in the pools as UV could partially degrade chlorine.
- Ensure complete mixing of the product to water.

#### 4.1.2. *Use-specific risk mitigation measures*

See general direction for use.

#### 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 direction for use.

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

See general direction for use.

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

See general direction for use.

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

#### 5.1. **Instructions for use**

- Read label before use
- Always read the label or leaflet before use and follow all the instructions provided.
- Respect the conditions of use of the product.
- Inform the registration holder if the treatment is ineffective.

#### 5.2. **Risk mitigation measures**

- Use a plier or similar to transfer the product. This tool must be provided with the packaging and must not be in contact with the product (must not be stored inside the packaging). Decanting has to be avoided.
- Avoid contact with skin and eyes
- Washing of hands after use
- Washing of face/ eye after accidental exposure
- Wait for the complete dissolution of the product before working on the floating device, dosing pump or the skimmer.
- Application of this product is exclusively allowed in swimming pools with connection to a sewage treatment plant. It is not allowed to directly discharge swimming pool water to the surface water.

#### 5.3. **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
- 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/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/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/ambulance for medical assistance.

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

- Do not discharge unused product on the ground, into water courses, into pipes (sink, toilets...) nor down the drains.
- Dispose of unused product, its packaging and all other waste, in accordance with local regulations.

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

- Store below 30 °C.
- Store away from light.
- Store in a dry place.
- Shelf life: 12 months.
- Keep out of reach of children.

#### 6. OTHER INFORMATION

-

#### 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)                                      |            | hth Blue Sparkle     | Market area: EU |           |              |
|                                                    |            | Marina Long Blue     | Market area: EU |           |              |
|                                                    |            | Blue tech long blue  | Market area: EU |           |              |
|                                                    |            | Long Blue            | Market area: EU |           |              |
| Authorisation number                               |            | EU-0027464-0012 1-4  |                 |           |              |
| Common name                                        | IUPAC name | Function             | CAS number      | EC number | Content (%)  |
| Active chlorine released from calcium hypochlorite |            | Active substance     |                 |           | 40,3 % (w/w) |
| Calcium hypochlorite                               |            | Releaser             | 7778-54-3       | 231-908-7 | 62 % (w/w)   |
| Calcium dihydroxide                                |            | Non-active substance | 1305-62-0       | 215-137-3 | 10,9 % (w/w) |