

GHS Classification

ID1308

Toluidine salts

CAS

Date Classified: Feb. 20, 2007 (Environmental Hazards: Mar. 31, 2006)

Physical Hazards

Reference Manual: GHS Classification Manual (Feb. 10, 2006)

Hazard class	Classification	symbol	signal word	hazard statement	Rational for the classification
1 Explosives	Not applicable	-	-	-	There are no chemical groups associated with explosive properties present in the molecules. (Some substances correspond to toluidine salts and have different physical chemical properties for each. They were not classified in each topic of the physical chemical hazard except those which could be considered as "Not applicable" by their molecular formulas, compositions; etc. Refer to the parent compound, toluidine (ID No.0606 CAS No.2695-2-8) and its isomers, ortho-Toluidine (ID No.0043, CAS No.95-53-4), meta-Toluidine (ID No.0607, CAS No.108-44-1), para-Toluidine (ID No.0044, CAS No.106-49-0))
2 Flammable gases	Not applicable	-	-	-	Liquid or Solid (GHS definition)
3 Flammable aerosols	Not applicable	-	-	-	Not aerosol products
4 Oxidizing gases	Not applicable	-	-	-	Liquid or Solid (GHS definition)
5 Gases under pressure	Not applicable	-	-	-	Liquid or Solid (GHS definition)
6 Flammable liquids	Classification not possible	-	-	-	Unidentified substance (Refer to the data of an individual substance)
7 Flammable solids	Classification not possible	-	-	-	Unidentified substance (Refer to the data of an individual substance)
8 Self-reactive substances and mixtures	Not applicable	-	-	-	There are no chemical groups associated with explosive or self-reactive properties present in the molecule.
9 Pyrophoric liquids	Classification not possible	-	-	-	Unidentified substance (Refer to the data of an individual substance)
10 Pyrophoric solids	Classification not possible	-	-	-	Unidentified substance (Refer to the data of an individual substance)
11 Self-heating substances and mixtures	Classification not possible	-	-	-	Unidentified substance (Refer to the data of an individual substance)
12 Substances and mixtures, which in contact with water, emit flammable gases	Classification not possible	-	-	-	Unidentified substance (Refer to the data of an individual substance)
13 Oxidizing liquids	Classification not possible	-	-	-	Unidentified substance (Refer to the data of an individual substance)
14 Oxidizing solids	Classification not possible	-	-	-	Unidentified substance (Refer to the data of an individual substance)
15 Organic peroxides	Not applicable	-	-	-	Organic compounds containing no -O-O- structure
16 Corrosive to metals	Classification not possible	-	-	-	Unidentified substance (Refer to the data of an individual substance)

Health Hazards

Hazard class	Classification	symbol	signal word	hazard statement	Rational for the classification
1 Acute toxicity (oral)	Classification not possible	-	-	-	The substance cannot be identified (refer to the data for the individual substances). [Note] It is difficult to classify the health hazards of toluidine salts, because many substances can categorise as toluidine salts and they have different properties. Also refer to the toluidine (ID No.0606, CAS No.26915-12-8) which is the parent compound, and its isomeric ortho body (ID No.0043, CAS No.95-53-4), meta body (ID No.0607, CAS No.108-44-1) and para body (ID No.0044, CAS No.106-49-0).
1 Acute toxicity (dermal)	Classification not possible	-	-	-	A substance cannot be specified (refer to the data of individual substances).
1 Acute toxicity (inhalation: gas)	Not applicable	-	-	-	Solid (GHS definition)
1 Acute toxicity (inhalation: vapour)	Classification not possible	-	-	-	Unidentified substance (Refer to the data of an individual substance.)
1 Acute toxicity (inhalation: dust, mist)	Classification not possible	-	-	-	Unidentified substance (Refer to the data of an individual substance.)
2 Skin corrosion / irritation	Classification not possible	-	-	-	A substance cannot be specified (refer to the data of individual substances).
3 Serious eye damage / eye irritation	Classification not possible	-	-	-	A substance cannot be specified (refer to the data of individual substances).

4	Respiratory/skin sensitization	Respiratory sensitization: Classification not possible; Skin sensitization: Classification not possible	(Respiratory sensitization)-; (Skin sensitization)-	(Respiratory sensitization)-; (Skin sensitization)-	(Respiratory sensitization)-; (Skin sensitization)-	Respiratory sensitization: a substance cannot be specified (refer to the data of individual substances). Skin sensitization: a substance cannot be specified (refer to the data of individual substances).
5	Germ cell mutagenicity	Classification not possible	-	-	-	A substance cannot be specified (refer to the data of individual substances).
6	Carcinogenicity	Classification not possible	-	-	-	A substance cannot be specified (refer to the data of individual substances).
7	Toxic to reproduction	Classification not possible	-	-	-	Unidentified substance (Refer to the data of an individual substance.)
8	Specific target organs/systemic toxicity following single exposure	Classification not possible	-	-	-	A substance cannot be specified (refer to the data of individual substances).
9	Specific target organs/systemic toxicity following repeated exposure	Classification not possible	-	-	-	Unidentified substance (Refer to the data of an individual substance.)
10	Aspiration hazard	Classification not possible	-	-	-	Unidentified substance (Refer to the data of an individual substance.)

Environmental Hazards

Hazard class	Classification	symbol	signal word	hazard statement	Rational for the classification
11 Hazardous to the aquatic environment (acute)	Classification not possible	-	-	-	No data available
11 Hazardous to the aquatic environment (chronic)	Classification not possible	-	-	-	No data available.