Ti.Pi.Ci. S.a.s. 160116-100745 - CAT. per HYDROTHERM Zinc Revision nr. 9 Dated 14/11/2022 Printed on 14/11/2022 Page n. 1/13 Replaced revision:8 (Dated: 05/07/2022)

Safety Data Sheet

According to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: 160116-100745

Product name CAT. per HYDROTHERM Zinc

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Zinc powder.

1.3. Details of the supplier of the safety data sheet

Name Ti.Pi.Ci. S.a.s.
Full address Via Val Lerone, 21
District and Country 16011 Arenzano (GE)

Italy

Tel. +39 010 9111368 Fax +39 010 9134188

e-mail address of the competent person

responsible for the Safety Data Sheet laboris@tipici.net

1.4. Emergency telephone number

For urgent inquiries refer to Centro Antiveleni di Bergamo +39800883300 (Azienda Ospedaliera Papa Giovanni XXII -

Bergamo

Centro Antiveleni di Firenze +39055/7947819 (CAV Ospedale Careggi - Firenze) Centro Antiveleni di Foggia +39800183459 (Az. Osp. Univ. Foggia - Foggia) Centro Antiveleni di Milano +3902/66101029 (CAO Ospedale Niguarda Cà Granda -

Milano)

Centro Antiveleni di Napoli +39081/5453333 (CAV Ospedale Cardarelli - Napoli)
Centro Antiveleni di Pavia +390382/24444 (CAV IRCCS Fondazione Maugeri - Pavia)
Centro Antiveleni di Roma +3906/3054343 (CAV Policlinico Gemelli - Roma)
Centro Antiveleni di Roma +3906/49978000 (CAV Policlinico Umberto I - Roma)
Centro Antiveleni di Roma +3906/68593726 (CAV Osp. Pediatrico Bambino Gesù -

Roma)

Centro Antiveleni di Verona +39800011858 (Azienda Ospedaliera Integrata - Verona)

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Hazardous to the aquatic environment, acute toxicity, H400 Very toxic to aquatic life.

category 1

Hazardous to the aquatic environment, chronic toxicity, H410 Very toxic to aquatic life with long lasting effects.

category 1

Ti.Pi.Ci. S.a.s. Revision nr. 9 Dated 14/11/2022 Printed on 14/11/2022 Page n. 2/13 Replaced revision:8 (Dated: 05/07/2022)

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words: Warning

Hazard statements:

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P273 Avoid release to the environment.

P391 Collect spillage.

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification x = Conc. % Classification (EC) 1272/2008 (CLP)

ZINC POWDER - ZINC DUST

INDEX 030-001-01-9 60 ≤ x < 100 Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=10

EC 231-175-3 CAS 7440-66-6 ZINC OXIDE

INDEX 030-013-00-7 3 ≤ x < 3,5 Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1

EC 215-222-5 CAS 1314-13-2

REACH Reg. 01-2119463881-32

The full wording of hazard (H) phrases is given in section 16 of the sheet.

Ti.Pi.Ci. S.a.s.	Revision nr. 9
	Dated 14/11/2022
160116-100745 - CAT. per HYDROTHERM Zinc	Printed on 14/11/2022
	Page n. 3/13
	Replaced revision:8 (Dated: 05/07/2022)

SECTION 4. First aid measures

4.1. Description of first aid measures

No episodes of harm to the staff authorised to use the product have been reported. The following general measures should be adopted as necessary: INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention. INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Do not give anything by mouth to an unconscious person. EYES and SKIN: Wash with plenty of water. In the event of persistent irritation, get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products. The product is combustible and, when the powder is released into the air in sufficient concentrations and in the presence of a source of ignition, it can create explosive mixtures with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

6.1. Personal precautions, protective equipment and emergency procedures

If there are no contraindications, spray powder with water to prevent the formation of dust.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

Revision nr. 9 Ti.Pi.Ci. S.a.s. Dated 14/11/2022 Printed on 14/11/2022 160116-100745 - CAT. per HYDROTHERM Zinc Page n. 4/13 Replaced revision:8 (Dated: 05/07/2022)

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product

Make sure the leakage site is well aired. Evaluate the compatibility of the container to be used, by checking section 10. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Wash hands after use.

7.2. Conditions for safe storage, including any incompatibilities

Keep the product in clearly labelled containers. Store the containers sealed, in a well ventilated place, away from direct sunlight.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

DEU Deutschland Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte.

MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher

Arbeitsstoffe, Mitteilung 56

FSP Límites de exposición profesional para agentes químicos en España 2021 España

Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS FRA France TLV-ACGIH

ACGIH 2021

ZINC POWDER - Z Threshold Limit Va						
Туре	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
MAK	DEU	2		4		INHAL
MAK	DEU	0,1		0,4		RESP

ZINC OXIDE Threshold Limit Value						
Туре	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	

Ti.Pi.Ci. S.a.s.

160116-100745 - CAT. per HYDROTHERM Zinc

Revision nr. 9

Dated 14/11/2022

Printed on 14/11/2022

Page n. 5/13

Replaced revision:8 (Dated: 05/07/2022)

MAK	DEU	2	4	INHAL	_
MAK	DEU	0,1	0,4	RESP	_
VLA	ESP	2	10		
VLEP	FRA	5			_
TLV-ACGIH		2	10	RESP	

Legend:

(C) = CEILING; INHAL = Inhalable Fraction; RESP = Respirable Fraction; THORA = Thoracic Fraction.

During the risk assessment process, it is essential to take into consideration the ACGIH occupational exposure levels for inert particulate not otherwise classified (PNOC respirable fraction: 3 mg/m3; PNOC inhalable fraction: 10 mg/m3). For values above these limits, use a P type filter, whose class (1, 2 or 3) must be chosen according to the outcome of risk assessment.

8.2. Exposure controls

Comply with the safety measures usually applied when handling chemical substances.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

EYE PROTECTION

None required.

RESPIRATORY PROTECTION

Use a type P filtering facemask, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment (see standard EN 149).

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Information

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value
Appearance	powder
Colour	dark grey
Odour	imperceptible
Melting point / freezing point	not available
Initial boiling point	not available
Flammability	not available
Lower explosive limit	not available
Upper explosive limit	not available

Ti.Pi.Ci. S.a.s. Revision nr. 9 Dated 14/11/2022 Printed on 14/11/2022 Page n. 6/13 Replaced revision:8 (Dated: 05/07/2022)

not available Flash point not available Auto-ignition temperature Decomposition temperature not available рΗ not available not available Kinematic viscosity Solubility not available Partition coefficient: n-octanol/water not available Vapour pressure not available Density and/or relative density 7,1 (+-) 0,050 Relative vapour density not available Particle characteristics not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

The powders are potentially explosive when mixed with air.

ZINC POWDER - ZINC DUST

Risk of explosion on contact with: ammonium nitrate,ammonium sulphide,barium peroxide,lead nitride,chlorates,chromium trioxide,sodium hydroxide,oxidising agents,performic acid,acids,tetrachloromethane,water. May react dangerously with: alkaline hydroxides,bromine pentafluoride,calcium chloride,fluorine,hexachloroethane,nitrobenzene,potassium dioxide,carbon disulphide,silver. Reacts with: strong acids,strong alkalis. May develop: hydrogen.

10.4. Conditions to avoid

Avoid environmental dust build-up.

10.5. Incompatible materials

ZINC POWDER - ZINC DUST

Revision nr. 9 Ti.Pi.Ci. S.a.s. Dated 14/11/2022 160116-100745 - CAT. per HYDROTHERM Zinc Printed on 14/11/2022 Page n. 7/13 Replaced revision:8 (Dated: 05/07/2022)

Incompatible with: water,acids,strong alkalis.

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information
According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industr practices.
practices.
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Metabolism, toxicokinetics, mechanism of action and other information
inetabolism, toxicokinetics, mechanism of action and other information
Information not available
Information on likely routes of exposure
Information on likely routes of exposure
Information not available
Delayed and immediate effects as well as chronic effects from short and long-term exposure
Information not available
Interactive effects
Information not available
ACUTE TOXICITY

ATE (Inhalation) of the mixture: ATE (Oral) of the mixture: ATE (Dermal) of the mixture:

Not classified (no significant component) Not classified (no significant component) Not classified (no significant component)

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

Ti.Pi.Ci. S.a.s. Dated 14/11/2022 Printed on 14/11/2022 160116-100745 - CAT. per HYDROTHERM Zinc Page n. 8/13 Replaced revision:8 (Dated: 05/07/2022) SERIOUS EYE DAMAGE / IRRITATION Does not meet the classification criteria for this hazard class RESPIRATORY OR SKIN SENSITISATION Does not meet the classification criteria for this hazard class GERM CELL MUTAGENICITY Does not meet the classification criteria for this hazard class CARCINOGENICITY Does not meet the classification criteria for this hazard class REPRODUCTIVE TOXICITY Does not meet the classification criteria for this hazard class STOT - SINGLE EXPOSURE Does not meet the classification criteria for this hazard class STOT - REPEATED EXPOSURE Does not meet the classification criteria for this hazard class ASPIRATION HAZARD Does not meet the classification criteria for this hazard class 11.2. Information on other hazards

Revision nr. 9

Ti.Pi.Ci. S.a.s. Revision nr. 9 Dated 14/11/2022 Printed on 14/11/2022 Page n. 9/13 Replaced revision:8 (Dated: 05/07/2022)

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

This product is dangerous for the environment and highly toxic for aquatic organisms. In the long term, it have negative effects on aquatic environment. **12.1. Toxicity**

ZINC POWDER - ZINC DUST

LC50 - for Fish 7,1 mg/l/96h Nothobranchius guentheri

EC50 - for Crustacea 2,8 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants 0,015 mg/l/72h Pseudokirchneriella subcapitata

ZINC OXIDE

LC50 - for Fish 1,1 mg/l/96h Oncorhynchus mykiss EC50 - for Crustacea 1,7 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants 0,14 mg/l/72h Pseudokirchnerella subcapitata

Chronic NOEC for Fish 0,53 mg/l
Chronic NOEC for Algae / Aquatic Plants 0,024 mg/l

12.2. Persistence and degradability

ZINC POWDER - ZINC DUST

Solubility in water 0,1 - 100 mg/l

Degradability: information not available

ZINC OXIDE

Solubility in water 2,9 mg/l

NOT rapidly degradable

12.3. Bioaccumulative potential

ZINC OXIDE

BCF > 175

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

Ti.Pi.Ci. S.a.s. Revision nr. 9 Dated 14/11/2022 Printed on 14/11/2022 Page n. 10/13

Replaced revision:8 (Dated: 05/07/2022)

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information

14.1. UN number or ID number

ADR / RID, IMDG, IATA: 3077

ADR / RID: In accordance with Special Provision 375, this product, when is packed in receptacles of a capacity ≤ 5Kg or 5L, is not

submitted to ADR provisions.

IMDG: In accordance with Section 2.10.2.7 of IMDG Code, this product, when is packed in receptacles of a capacity ≤ 5Kg or

5L, is not submitted to IMDG Code provisions.

IATA: In accordance with SP A197, this product, when is packed in receptacles of a capacity ≤ 5Kg or 5L, is not submitted to

IATA dangerous goods regulations.

14.2. UN proper shipping name

ADR / RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ZINC POWDER - ZINC DUST; ZINC OXIDE)

IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ZINC POWDER - ZINC DUST; ZINC OXIDE)

IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ZINC POWDER - ZINC DUST; ZINC OXIDE)

14.3. Transport hazard class(es)

ADR / RID: Class: 9 Label: 9

IMDG: Class: 9 Label: 9

IATA: Class: 9 Label: 9



14.4. Packing group

ADR / RID, IMDG, IATA:

14.5. Environmental hazards

Ti.Pi.Ci. S.a.s.

160116-100745 - CAT. per HYDROTHERM Zinc

Revision nr. 9 Dated 14/11/2022

Printed on 14/11/2022

Page n. 11/13

Replaced revision:8 (Dated: 05/07/2022)

ADR / RID: Environmentally

Hazardous

IMDG: Marine Pollutant

IATA: Environmentally

Hazardous



14.6. Special precautions for user

ADR / RID: HIN - Kemler: 90 Limited Tunnel Quantities: 5

restriction code: (-)

Special provision: -

IMDG: EMS: F-A, S-F Limited Quantities: 5

kg

Maximum

quantity: 400

Packaging instructions: 956

Pass.:

Cargo:

Maximum quantity: 400

Packaging instructions: 956

A97, A158, Special provision:

A179, A197,

A215

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

IATA:

SECTION 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EU: E1

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Contained substance

Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Ti.Pi.Ci. S.a.s. Revision nr. 9 Dated 14/11/2022 Printed on 14/11/2022 Page n. 12/13 Replaced revision:8 (Dated: 05/07/2022)

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Aquatic Acute 1 Hazardous to the aquatic environment, acute toxicity, category 1

Aquatic Chronic 1 Hazardous to the aquatic environment, chronic toxicity, category 1

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.

Revision nr. 9 Ti.Pi.Ci. S.a.s. Dated 14/11/2022 Printed on 14/11/2022 160116-100745 - CAT. per HYDROTHERM Zinc Page n. 13/13 Replaced revision:8 (Dated: 05/07/2022)

- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
- 13. Regulation (EU) 2017/776 (X Atp. CLP) 14. Regulation (EU) 2018/669 (XI Atp. CLP)
- 15. Regulation (EU) 2019/521 (XII Atp. CLP)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
- 17. Regulation (EŬ) 2019/1148
- 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
- 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
- 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
- 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
- 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
- The Merck Index. 10th Edition
- Handling Chemical Safety
- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

02 / 08 / 09 / 11 / 12 / 15 / 16.