nextmune

NEXTMUNE ITALY SRL

Revision nr. 3

Dated 16/05/2022

Printed on 16/05/2022

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CLOREXYDERM SHAMPOO 4%

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

Product name

CLOREXYDERM SHAMPOO 4% UFI: 2500-Y0F2-F00D-Y24X

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

tended use Shampoo concentrate for dogs, cats.

1.3. Details of the supplier of the safety data sheet

Name NEXTMUNE ITALY SRL
Full address Via G.B. Benzoni, 50
District and Country 26020 Palazzo Pignano (CR)

ITALY

Tel. 0373/982024 Fax 0373/982025

e-mail address of the competent person

responsible for the Safety Data Sheet regulatory.it@nextmune.com

1.4. Emergency telephone number

For urgent inquiries refer to Centro Antiveleni di Milano 02 66101029 (CAV Ospedale Niguarda Ca` Granda-Milano)

Centro Antiveleni di Pavia 0382 24444 (CAV IRCCS Fondazione Maugeri-Pavia) Centro Antiveleni di Bergamo 800 883300 (CAV Ospedali Riuniti-Bergamo) Centro Antiveleni di Firenze 055 7947819 (CAV Ospedale Careggi-Firenze) Centro Antiveleni di Roma 06 3054343 (CAV Policlinico Gemelli-Roma)

Centro Antiveleni di Roma 06 68593726 (CAV Ospedale Pediatrico Bambino Gesù-

Roma)

Centro Antiveleni di Roma 06 49978000 (CAV Policlinico Umberto I-Roma) Centro Antiveleni di Napoli 081 7472870 (CAV Ospedale Cardarelli-Napoli) Centro Antiveleni di Foggia 0881-732326 (CAV Az. Osp. Univ.-Foggia)

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:

Eye irritation, category 2 H319 Causes serious eye irritation. Hazardous to the aquatic environment, acute toxicity, H400 Very toxic to aquatic life.

category 1
Hazardous to the aquatic environment, chronic toxicity,

H411 Toxic to aquatic life with long lasting effects.

category 2

2.2. Label elements

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

Hazard pictograms:



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Signal words: Warning

Hazard statements:

P314

H319 Causes serious eye irritation. H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

P102 Keep out of reach of children.

P301+P312 IF SWALLOWED: Call a doctor if you feel unwell.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue

Get medical advice/attention if you feel unwell.

Contains: Chlorhexidine digluconate

Isodecyl alcohol ethoxylate

- Do not contaminate foods, beverages, or food or beverage containers.
- Do not use with other disinfectants.
- Consult a veterinarian before applying on pregnant or nursing animals or young, sick or convalescent animal.
- Avoid contact with eyes.
- If the product comes into contact with the eyes, rinse well with abundant water and consult a physician.
- Do not eat and drink neither smoke during use.
- Do not allow the animal to swallow the product during its use.
- External use only.
- Keep the package well closed.
- Store at room temperature.
- Not to be sold out of the package.
- Do not dispose of the container in the environment after use.
- Do not let to use to asthmatics people.
- If an irritation turn up, stop the treatment and consult a veterinarian.
- Do not mix with soap, anionic surfactants and bicarbonate.

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

3.1. Substances

Information not relevant

3.2. Mixtures

Contains:

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

ETHOXYLATE

Acute Tox. 4 H302, Eye Dam. 1 H318 CAS 61827-42-7 $5 \le x < 8$ EC

STA Oral: 500 mg/kg

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CHLORHEXIDINE DIGLUCONATE

CAS 18472-51-0 $3 \le x < 4,5$ EC 242-354-0

Eye Dam. 1 H318, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1

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REACH Reg. 01-2119946568-22-

0001

AMINES, C12-14 (EVEN

NUMBERED)-ALKYLDIMETHYL, N-

OXIDES

CAS 1643-20-5 1 ≤ x < 2 Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Acute 1

H400 M=1, Aquatic Chronic 2 H411

STA Oral: 500 mg/kg

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EC 216-700-6

REACH Reg. 01-2119490061-47-

XXXX

MYRISTAMINE OXIDE

CAS 3332-27-2 0,1 ≤ x < 0,6 Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Acute 1 H400 M=1, Aquatic

Chronic 2 H411

EC 222-059-3

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REACH Reg. 01-2119949262-37-

XXXX

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

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

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.

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.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

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

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

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

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 into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. 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. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

No use other than that indicated in section 1.2 of this safety data sheet.

SECTION 8. Exposure controls/personal protection



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8.1. Control parameters

Information not available

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Protect your hands with work gloves, category III (ref. Standard EN 374).

SKIN PROTECTION

Wash down with soap and water.

EYE PROTECTION

It is advisable to wear protective goggles (ref. Standard EN 166).

RESPIRATORY PROTECTION

None required.

Properties

ENVIRONMENTAL EXPOSURE CONTROLS

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

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

Value

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Clear thick liquid
Colour	Green - light blue
Odour	Characteristic of talc
Melting point / freezing point	Freezing point: <0 ° C
Initial boiling point	95 ° C
Flammability	Non flammable because it
Lower explosive limit	Not explosive because it of

Flammability

Non flammable because it does not contain flammable substances.

Lower explosive limit

Upper explosive limit

Not explosive because it does not contain explosive substances

Not explosive because it does not contain explosive substances

Non flammable because it does not contain flammable substances.

Auto-ignition temperature

PH (20°C)

Unavailable

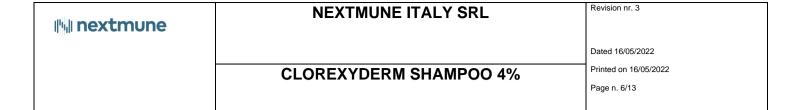
6.5 - 7.5

pH (20°C) 6.5 - 7.5
Kinematic viscosity Unavailable
Solubility Soluble in water
Partition coefficient: n-octanol/water Unavailable
Vapour pressure Unavailable

Density and/or relative density
Relative vapour density
Particle characteristics

1020 g / L - 1040 g / L
Unavailable
Not applicable

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

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

10.5. Incompatible materials

CHLORHEXIDINE DIGLUCONATE: Keep away from oxidizing agents. Chemically incompatible with anionic compounds.

10.6. Hazardous decomposition products

CHLORHEXIDINE DIGLUCONATE: Combustion or thermal decomposition will evolve toxic and irritant vapours.

SECTION 11. Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Data referring to the mixture:

Data referring to the mixture:

Metabolism, toxicokinetics, mechanism of action and other information Information not available

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



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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) >2000 mg/kg Not classified (no significant component)

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

Respiratory sensitization

Information not available

Skin sensitization Information not available

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

Adverse effects on sexual function and fertility

Information not available

Adverse effects on development of the offspring

Information not available

Effects on or via lactation

Information not available

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available



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Route of exposure

Information not available

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

Data referring to the hazardous substances of the mixture:

ISODECYL ALCOHOL ETHOXYLATE

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat> 1000-2000 mg / kg

Toxicological information of the main substances present in the mixture: N.A.

Unless otherwise specified, the data required by Regulation 453/2010 / EC indicated below are to be understood as N.A .:

- a) acute toxicity;
- b) skin corrosion / irritation:
- c) serious eye damage / eye irritation;
- d) respiratory or skin sensitization;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) specific target organ toxicity (STOT) single exposure;
- i) specific target organ toxicity (STOT) repeated exposure;
- j) danger in case of aspiration

CHLOREXIDINE DIGLUCONATE

Acute toxicity

Ingestion Mean Oral Lethal Dose (rat):> 2000mg / kg

Inhalation: may be harmful by inhalation.

Skin Contact: Average Dermal Lethal Dose (rabbit):> 2000mg / kg

Eye Contact: May cause severe eye damage.

Skin Corrosion / Irritation: This material has shown low skin irritation potential for rabbit skin.

Repeated and / or prolonged contact can cause dermatitis. Serious eye damage / eye irritation: Severely irritating to eyes.

Respiratory or skin sensitization: Some rare cases of allergic reactions have been reported. It is not considered a skin sensitizer.

Germ cell mutagenicity: There is no evidence of mutagenic potential.

Carcinogenicity: There is no evidence that under normal conditions of handling and use this product represents a carcinogenic risk.

Reproductive toxicity: There is no evidence of reproductive toxicity or teratogenic effects.

Specific target organ toxicity (STOT) - single exposure: May cause irritation to the respiratory tract.

Specific target organ toxicity (STOT) - repeated exposure: Unknown.

Aspiration hazard: Unknown.

DODECYLDIMETHYLAMINE OXIDE

LD50 Oral rat 1064 mg / kg

N-OXIDE OF N, N-DIMETHYLTETRADECYLAMINE

LD50 Oral rat 1064 mg / kg

11.2. Information on other hazards

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.

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

CHLORHEXIDINE DIGLUCONATE

Toxicity - Aquatic invertebrates: 0,087 mg/l (as pure chlorhexidine digluconate)

Toxicity - Fish: 2,08 mg/L (as pure chlorhexidine digluconate)



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Toxicity - Algae: 0,081 mg/l (as pure chlorhexidine digluconate)

AMINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL, N-OXIDES

CL50 96 hours fish 1: 2.67 mg/l CE50 48 hours Daphnia: 3.1 mg/l ErC50 72 hours (algae): 0.19 mg/l

MYRISTAMINE OXIDE

CL50, 96 hours, Fish: 2.67 mg/l

IC50, 48 hours, Daphnia magna: 3.1 mg/l EC50, 72 hours, Algae: 0.19 mg/l

EC50, 72 hours, Algae: 0.19 mg/l EC10, 24 hours, Bacteria: 80 mg/l

12.2. Persistence and degradability

CHLORHEXIDINE DIGLUCONATE: Bioconcentration factor (BCF): 42 L/kg (chlorhexidine digluconate)

12.3. Bioaccumulative potential

CHLORHEXIDINE DIGLUCONATE: LogKoc> 3.9 (chlorhexidine digluconate)

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.

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, 3082

IATA:

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



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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, LIQUID, N.O.S. (Chlorhexidine Digluconate)

IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorhexidine Digluconate)

IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorhexidine Digluconate)

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, III

IATA:

IATA:

14.5. Environmental hazards

ADR / RID: Environmentally

Hazardous

IMDG: Marine Pollutant

IATA: Environmentally

Hazardous



14.6. Special precautions for user

ADR / RID: Limited Tunnel Quantities: 5 restriction litri code: E

Special provision: -

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

litri

Cargo: Maximum Packaging quantity: - instructions: Pass.: Maximum Packaging

quantity: -

instructions: -

Special provision:



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14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

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

None

Product

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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

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

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

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:

Acute Tox. 4

Eye Dam. 1

Eye Irrit. 2

Skin Irrit. 2

Acute toxicity, category 4

Serious eye damage, category 1

Eye irritation, category 2

Skin irritation, category 2

Aquatic Acute 1 Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1 Hazardous to the aquatic environment, chronic toxicity, category 1
Aquatic Chronic 2 Hazardous to the aquatic environment, chronic toxicity, category 2

H302 Harmful if swallowed. H318 Causes serious eye damage.



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H319 Causes serious eye irritation. H315 Causes skin irritation. H400 Very toxic to aquatic life.

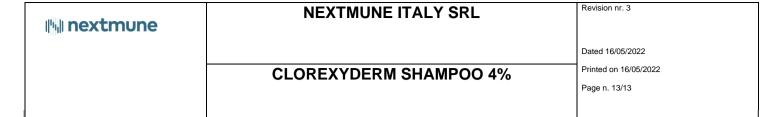
H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

I EGEND:

- 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.
- 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

- Regulation (EC) 1907/2006 (REACH) of the European Parliament
 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
- 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 (EÚ) 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 (EU) 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)
- 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 / 11 / 16.