

Revision nr. 5

Dated 19/10/2023

Printed on 19/10/2023

Page n. 1/14

Replaced revision:4 (Dated: 16/01/2023)

ANTISCHIUMOGENO - Tavolette antischiuma sanitizzanti

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

UFI: QC00-Y0AE-N00G-9QUF

Product name ANTISCHIUMOGENO SANITIZZANTE

1.2. Relevant identified uses of the substance or mixture and uses advised against Intended use Sanitizing antifoam adjuvant for dental aspirators

Identified Uses	Industrial	Professional	Consumer
Sanitizing antifoam adjuvant for dental aspirators	-	~	-
1.3. Details of the supplier of the safety data sheet Name Full address District and Country	Magnolia srl Via Natta 6/A 43122 Parma Italia		
	tel. +39 (0)521 607604		
e-mail address of the competent person responsible for the Safety Data Sheet	info.magnolia@cattani.it		
1.4. Emergency telephone number For urgent inquiries refer to	+39 (0)521 607604		

2.1. Classification of the substance or mixture

SECTION 2. Hazards identification

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:

Serious eye damage, category 1	H318	Causes serious eye damage.
Skin irritation, category 2	H315	Causes skin irritation.
Hazardous to the aquatic environment, acute toxicity,	H400	Very toxic to aquatic life.
category 1		

2.2. Label elements

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

Hazard pictograms:



ANTISCHIUMOGENO - Tavolette antischiuma sanitizzanti

Revision nr. 5

Dated 19/10/2023

Printed on 19/10/2023

Page n. 2/14

Replaced revision:4 (Dated: 16/01/2023)





Signal words: Danger

Hazard statements:

H318 Causes serious eye damage.
H315 Causes skin irritation.
H400 Very toxic to aquatic life.

Precautionary statements:

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

insing.

P280 Wear protective gloves / eye protection / face protection.

P310 Immediately call a POISON CENTER / doctor.

P273 Avoid release to the environment.

P391 Collect spillage.

P302+P352 IF ON SKIN: Wash with plenty of water.

Contains: 2-BROMO-2-NITROPROPAN-1,3-DIOL

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

POLYETHYLENGLYCOL

INDEX - $54 \le x < 58$

EC 500-038-2 CAS 25322-68-3 Maltodextrin

INDEX - $27 \le x < 28.5$ Substance with a community workplace exposure limit.

EC 232-940-4 CAS 9050-36-6

2-BROMO-2-NITROPROPAN-1,3-

DIOL



Revision nr. 5

Dated 19/10/2023

Printed on 19/10/2023

Page n. 3/14

Replaced revision:4 (Dated: 16/01/2023)

ANTISCHIUMOGENO - Tavolette antischiuma sanitizzanti

INDEX 603-085-00-8

 $12 \le x < 13.5$

Acute Tox. 4 H302, Acute Tox. 4 H312, Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, Aquatic Acute 1 H400 M=10

STA Oral: 500 mg/kg, STA Dermal: 1100 mg/kg

EC 200-143-0

CAS 52-51-7

REACH Reg. 01-2119980938-15-

XXXX

POLYSILOXANES

INDEX -

 $4.5 \le x < 5$

EC 613-156-5 CAS 63148-62-9

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 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.

INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

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).



ANTISCHIUMOGENO - Tavolette antischiuma sanitizzanti

Revision nr. 5

Dated 19/10/2023

Printed on 19/10/2023

Page n. 4/14

Replaced revision:4 (Dated: 16/01/2023)

SECTION 6. Accidental release measures

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

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 residues.

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. 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)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

OEL EU

Regulatory References:

EU

ROU România Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum şi pentru modificarea și completarea hotărârii guvernului nr. 1.093/2006
SVK Slovensko NARIADENIE VLÁDY Slovenskej republiky z 12. augusta 2020, ktorým sa mení a dopĺňa nariadenie vlády

Slovenskej republiky č. 356/2006 Z. z. o ochrane zdravia zamestnancov pred rizikami súvisiacimi s expozíciou karcinogénnym a mutagénnym faktorom pri práci v znení neskorších predpisov

Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive

2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.



Revision nr. 5

Dated 19/10/2023

Printed on 19/10/2023

Page n. 5/14

Replaced revision:4 (Dated: 16/01/2023)

ANTISCHIUMOGENO - Tavolette antischiuma sanitizzanti

POLYETHYLENGLYCOL							
Threshold Limit Value							
Туре	Country	TWA/8h		STEL/15min		Remarks /	
						Observations	
		mg/m3	ppm	mg/m3	ppm		
NPEL	SVK	1000					

Maltodextrin Threshold Limit Value						
Туре	Country	TWA/8h		STEL/15min		Remarks /
						Observations
		mg/m3	ppm	mg/m3	ppm	
OEL	EU	10				INHAL
OEL	EU	4				RESP

POLYSILOXANES Threshold Limit Value							
Туре	Country	TWA/8h		STEL/15min		Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
TLV	ROU	200		300		SKIN	

Legend:

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

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

In the case of prolonged contact with the product, protect the hands with penetration-resistant work gloves (see standard EN 374). We recommend gloves made of: PVC, thickness 0.35 mm and permeation time > 8 hours.

Work glove material must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions.

SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

None required, unless indicated otherwise in the chemical risk assessment.

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.



Revision nr. 5

Dated 19/10/2023

Printed on 19/10/2023

Page n. 6/14

Replaced revision:4 (Dated: 16/01/2023)

ANTISCHIUMOGENO - Tavolette antischiuma sanitizzanti

Information

9.1. Information on basic physical and chemical properties

SECTION 9. Physical and chemical properties

Properties	Value
Appearance	solid
Colour	white
Odour	typical
Melting point / freezing point	not available
Initial boiling point	not applicable
Flammability	not available
Lower explosive limit	not available
Upper explosive limit	not available
Flash point	not applicable
Auto-ignition temperature	not available
Decomposition temperature	not available

pH 7

Kinematic viscosity not available
Solubility soluble in water
Partition coefficient: n-octanol/water not available
Vapour pressure not available
Density and/or relative density not available
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.

POLYETHYLENGLYCOL

Decomposes slowly at high temperatures in the presence of air.

2-BROMO-2-NITROPROPAN-1,3-DIOL



Revision nr. 5

Dated 19/10/2023

Printed on 19/10/2023

Page n. 7/14

Replaced revision:4 (Dated: 16/01/2023)

ANTISCHIUMOGENO - Tavolette antischiuma sanitizzanti

Decomposes on contact with: water, metals, strong bases.

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.

POLYETHYLENGLYCOL

Avoid contact with: oxidising agents, concentrated inorganic acids.

2-BROMO-2-NITROPROPAN-1,3-DIOL

Avoid exposure to: light,UV rays,moisture.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

2-BROMO-2-NITROPROPAN-1,3-DIOL

May develop: nitric oxide,carbon oxides,hydrobromic acid.

SECTION 11. Toxicological information

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

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

Information not available

ACUTE TOXICITY



Revision nr. 5

Dated 19/10/2023

Printed on 19/10/2023

Page n. 8/14

Replaced revision:4 (Dated: 16/01/2023)

ANTISCHIUMOGENO - Tavolette antischiuma sanitizzanti

ATE (Inhalation) of the mixture:

ATE (Oral) of the mixture: ATE (Dermal) of the mixture: Not classified (no significant component)

>2000 mg/kg >2000 mg/kg

POLYETHYLENGLYCOL

LD50 (Dermal): LD50 (Oral): 2000 mg/kg rabbit2000 mg/kg rat

Maltodextrin

LD50 (Dermal): > 2000 mg/kg LD50 (Oral): > 2000 mg/kg

2-BROMO-2-NITROPROPAN-1,3-DIOL

STA (Oral): 500 mg/kg estimate from table 3.1.2 of Annex I of the CLP

(figure used for calculation of the acute toxicity estimate of the mixture)

STA (Dermal): 1100 mg/kg estimate from table 3.1.2 of Annex I of the CLP

(figure used for calculation of the acute toxicity estimate of the mixture)

POLYSILOXANES

LD50 (Dermal): LD50 (Oral): 5000 mg/kg rabbit5000 mg/kg rat

SKIN CORROSION / IRRITATION

Causes skin irritation

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye damage

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



Revision nr. 5

Dated 19/10/2023

Printed on 19/10/2023

Page n. 9/14

Replaced revision:4 (Dated: 16/01/2023)

ANTISCHIUMOGENO - Tavolette antischiuma sanitizzanti

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

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.

12.1. Toxicity

POLYETHYLENGLYCOL

 LC50 - for Fish
 > 100 mg/l/96h

 EC50 - for Crustacea
 > 1000 mg/l/48h

 EC50 - for Algae / Aquatic Plants
 15,91 mg/l/72h

2-BROMO-2-NITROPROPAN-1,3-DIOL

LC50 - for Fish 20 mg/l/96h Oncorhynchus mykiss EC50 - for Crustacea 1,6 mg/l/48h Daphnia magna

12.2. Persistence and degradability

POLYETHYLENGLYCOL

Solubility in water > 10000 mg/l

2-BROMO-2-NITROPROPAN-1,3-DIOL

Solubility in water 286000 mg/l

Rapidly degradable

12.3. Bioaccumulative potential

POLYETHYLENGLYCOL

Partition coefficient: n-octanol/water -2,2972
BCF 3,2

2-BROMO-2-NITROPROPAN-1,3-DIOL

Partition coefficient: n-octanol/water 0,22 BCF 3,16

12.4. Mobility in soil

POLYETHYLENGLYCOL

Partition coefficient: soil/water 1

12.5. Results of PBT and vPvB assessment



Revision nr. 5

Dated 19/10/2023

Printed on 19/10/2023

Page n. 10/14

Replaced revision:4 (Dated: 16/01/2023)

ANTISCHIUMOGENO - Tavolette antischiuma sanitizzanti

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, 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. (2-BROMO-2-NITROPROPAN-1,3-DIOL)

IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2-BROMO-2-NITROPROPAN-1,3-DIOL)

IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2-BROMO-2-NITROPROPAN-1,3-DIOL)

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



Revision nr. 5

Dated 19/10/2023

Printed on 19/10/2023

Page n. 11/14 Replaced revision:4 (Dated: 16/01/2023)

code: (-)

Packaging

Packaging

instructions: 956

956

instructions:

ANTISCHIUMOGENO - Tavolette antischiuma sanitizzanti

ADR / RID, IMDG, IATA:

ADR / RID:

IATA:

14.5. Environmental hazards

Environmentally Hazardous

IMDG: Marine Pollutant

IATA: Environmentally

Hazardous



14.6. Special precautions for user

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

Special provision: -

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

Quantities: 5

kg

kg

Cargo:

Pass :

Maximum quantity: 400

Кg Maximum

quantity: 400

Kg Special provision: A97, A158,

A179, A197,

A215

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

Contained substance

75 Point

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)



Revision nr. 5

Dated 19/10/2023

Printed on 19/10/2023

Page n. 12/14

Replaced revision:4 (Dated: 16/01/2023)

ANTISCHIUMOGENO - Tavolette antischiuma sanitizzanti

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 Acute toxicity, category 4

Eye Dam. 1 Serious eye damage, category 1

Skin Irrit. 2 Skin irritation, category 2

STOT SE 3 Specific target organ toxicity - single exposure, category 3

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

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H318 Causes serious eye damage.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

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



Revision nr. 5 Dated 19/10/2023

Printed on 19/10/2023

Page n. 13/14

Replaced revision:4 (Dated: 16/01/2023)

ANTISCHIUMOGENO - Tavolette antischiuma sanitizzanti

- 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

- 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 (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) 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
- FCHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy

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: 01 / 02 / 08.