

Dated 22/03/2023 Printed on 23/03/2023 Page n. 1/11

TC86500 - BUFFER solution pH 4,00 ± 0,02 at 25°C RED std

Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 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: TC86500

Product name BUFFER solution pH 4,00 ± 0,02 at 25°C RED std

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

Laboratory reagent

1.3. Details of the supplier of the safety data sheet

Name **TITOLCHIMICA SPA**

VIA S.PIETRO MARTIRE 1054 Full address District and Country **45030 PONTECCHIO POLESINE (RO)**

ITALIA

Tel. +39425492644

e-mail address of the competent person

responsible for the Safety Data Sheet utecnico@titolchimica.it **TITOLCHIMICA SPA**

Supplier:

1.4. Emergency telephone number

For urgent inquiries refer to

Pavia - National Center for Toxicological Information 0382/24444;

Milan - Hosp. Niguarda Ca' Granda 02/66101029;

Bergamo - Hosp. "Pope John XXIII" 800/883300; Florence - Hosp. "Careggi" U.O. Medical Toxicology 055/7947819;

Rome - "A. Gemelli" Polyclinic 06/3054343; Rome - "Umberto I" Polyclinic 06/49978000;

Rome - "Bambino Gesù Pediatric Hospital" 06/68593726

Naples - Hosp. "A. Cardarelli" 081/5453333; Foggia - Hosp. University of Foggia 800/183459 Verona - Hosp. Integrated Verona 800/011858

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

Hazard classification and indication:

2.2. Label elements

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

Hazard pictograms:

Signal words:

Hazard statements:

EUH210 Safety data sheet available on request.

EUH208 Contains: reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-

one [EC no. 220-239-6] (3:1)



Dated 22/03/2023 Printed on 23/03/2023 Page n. 2/11

TC86500 - BUFFER solution pH 4,00 ± 0,02 at 25°C RED std

May produce an allergic reaction.

Precautionary statements:

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

reaction mass of: 5-chloro-2- methyl-4isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1)

INDEX 613-167-00-5

0.00015 -0,00140

Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1C H314, Eye Dam. 1 H318, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100, EUH071, Classification

note according to Annex VI to the CLP Regulation: B EC -

Skin Corr. 1C H314: ≥ 0,6%, Skin Irrit. 2 H315: ≥ 0,06%, Skin Sens. 1A H317: ≥ 0,0015%, Eye Dam. 1 H318: ≥ 0,6%, Eye Irrit. 2 H319: ≥ 0,06%

LD50 Oral: 64 mg/kg, LD50 Dermal: 87 mg/kg, LC50 Inhalation

mists/powders: 0,33 mg/l/4h

CAS 55965-84-9

REACH Reg. 01-2120764691-48-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

Not specifically necessary. Observance of good industrial hygiene is recommended.

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

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

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1) Symptoms: gastrointestinal disturbances, severe allergic skin reaction, bronchial spasm and anaphylactic shock, severely corrosive and necrotizing tissue. Vent. Engaged corrosion of the mucous membranes. Vision blurred. Nausea. Itchy. Dermatitis. Local irritation. Risks: May cause an allergic skin reaction. Causes serious eye damage. Causes severe burns.

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

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1) Treat symptomatically

SECTION 5. Firefighting measures

The product is not flammable and does not feed the flames.

5.1. Extinguishing media



Dated 22/03/2023 Printed on 23/03/2023 Page n. 3/11

TC86500 - BUFFER solution pH 4,00 ± 0,02 at 25°C RED std

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.

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1) Hazardous Combustion Products:

Nitrogen oxides (NOx)

Magnesium oxides

Carbon dioxide (CO2) Carbon monoxide

Hydrochloric acid gas

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

Aerate the environment before intervening. Remove persons who are not assigned and wear the protective equipment mentioned in point 8.

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

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. 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.

7.2. Conditions for safe storage, including any incompatibilities

Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)



Dated 22/03/2023 Printed on 23/03/2023 Page n. 4/11

TC86500 - BUFFER solution pH 4.00 ± 0.02 at 25°C RED std

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

DFU 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

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1)

I nresnoid Limit Value							
Туре	Country	TWA/8h	TWA/8h		_	Remarks /	
						Observations	
	_	mg/m3	ppm	mg/m3	ppm		
MAK	DELL	0.2		n 4		ΙΝΗΔΙ	

Legend:

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

8.2. Exposure controls

The product is not classified as dangerous within the meaning of the provisions of Annex I, Part 3 of Reg. (EC) 1272/2008 (CLP) and as such would not require specific exposure control measures. However, the following measures are provided as a precautionary measure.

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.

HAND PROTECTION

If prolonged contact with the product is expected, it is advisable to protect your hands with penetration-resistant work gloves (ref. standard EN 374). For the final choice of the material of the work gloves, the process of using the product and any further products deriving from it must also be evaluated. It should also be remembered that latex gloves can give rise to sensitization phenomena.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (ref. Directive 89/686/EEC and standard EN ISO 20344). Wash with soap and water after removing protective clothing.

EYE PROTECTION

Unnecessary.

RESPIRATORY PROTECTION

In case of exceeding the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product, it is advisable to wear a face filter of the FFP1 type or higher class if otherwise foreseen by the risk assessment (ref. standard EN 149).

The use of respiratory protection means is necessary if the technical measures adopted are not sufficient to limit the worker's exposure to the threshold values taken into consideration. However, the protection offered by masks is limited.

In the event that the substance in question is odorless or its olfactory threshold is higher than the relevant TLV-TWA and in case of emergency, wear an open-circuit compressed air respirator (ref. standard EN 137) or a plug-in respirator external air (ref. standard EN 138). For the correct choice of respiratory protection device, refer to the EN 529 standard.

ENVIRONMENTAL EXPOSURE CONTROLS

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

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties Value Information



Revision nr. 8 Dated 22/03/2023 Printed on 23/03/2023 Page n. 5/11

TC86500 - BUFFER solution pH 4,00 ± 0,02 at 25°C RED std

Appearance clear liquid
Colour red

Odour odourless

Melting point / freezing point 0°C

Initial boiling point 100 °C

Flammability not flammable
Lower explosive limit not applicable
Upper explosive limit not applicable
Flash point not available
Auto-ignition temperature not applicable
Decomposition temperature not available

pH 3,98-4,02 Temperature: 25 °C

Kinematic viscosity not available

Solubility Completely soluble in water

Partition coefficient: n-octanol/water not available
Vapour pressure not available

Density and/or relative density 1

Relative vapour density not available
Particle characteristics 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

Explosive properties not explosive

SECTION 10. Stability and reactivity

In the absence of information on the mixture, the literature information on the components is reported. This information is not characteristic of the solution but of the dangerous components.

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



Revision nr. 8 Dated 22/03/2023 Printed on 23/03/2023 Page n. 6/11

TC86500 - BUFFER solution pH 4,00 ± 0,02 at 25°C RED std

Information not available.

10.6. Hazardous decomposition products

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1) nitric oxide.sulphur oxides.carbon oxides.

SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

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

Metabolism, toxicokinetics, mechanism of action and other information

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1) Symptoms:

Gastrointestinal disorders

Severe allergic skin reaction, bronchial spasm and anaphylactic shock

Severely corrosive and necrotizing the tissues.

Vent

Engaged corrosion of the mucous membranes

Vision blurred

Nausea

Itchy

Dermatitis

Local irritation

May cause an allergic skin reaction.

Causes serious eye damage.

Causes severe burns.

Information on likely routes of exposure

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1) Inhalation, eye contact, skin contact, ingestion.

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:

Not classified (no significant component)

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1)

LD50 (Dermal):

87 mg/kg STA coniglio Metodo: coniglio. 64 mg/kg STA ratto Metodo:calcolo

LD50 (Oral):

0,33 mg/l/4h STA ratto Atmosfera: polvere/nebbia. Metodo: calcolo.

LC50 (Inhalation mists/powders):

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class



Revision nr. 8 Dated 22/03/2023 Printed on 23/03/2023 Page n. 7/11

TC86500 - BUFFER solution pH 4,00 ± 0,02 at 25°C RED std

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1) Corrosive to rabbits.

Corrosive, category 1C - when reactions occur from exposures between 1 hour and 4 hours and observation times up to 14 days.

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1) May cause irreversible eye damage - rabbit.

RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1)

Skin sensitization

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1) The product is a skin sensitizer, subcategory 1A.

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1) Animal testing did not reveal any carcinogenic effects.

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1) It does not contain ingredients included in the list of toxic products for reproduction.

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

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.



Revision nr. 8 Dated 22/03/2023 Printed on 23/03/2023 Page n. 8/11

TC86500 - BUFFER solution pH 4,00 \pm 0,02 at 25°C RED std

SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1)

LC50 (Lepomis macrochirus (Bluegill saltfish)): 0.28 mg/l/96 h

EC50 (activated sludge): 4.5 mg/l Test type: Respiration inhibitor

Acute M factor: 100 Chronic M factor: 100

LC50 - for Fish 0,19 mg/l/96h Oncorhynchus mykiss (Trota iridea)

EC50 - for Crustacea 0,16 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants 0,027 mg/l/72h Pseudokirchneriella subcapitata

12.2. Persistence and degradability

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1)

Result: Not readily biodegradable.

Biodegradation: 30% Exposure time: 28 d

Method: OECD Test Guideline 301 B

12.3. Bioaccumulative potential

No appreciable bioaccumulation is foreseeable

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. Neat product residues should be considered special non-hazardous waste.

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

CONTAMINATED PACKAGING

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

SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number or ID number



Revision nr. 8 Dated 22/03/2023 Printed on 23/03/2023 Page n. 9/11

TC86500 - BUFFER solution pH 4,00 ± 0,02 at 25°C RED std

not applicable

14.2. UN p	proper sh	ipping	name
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not applicable

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

not applicable

14.5. Environmental hazards

not applicable

14.6. Special precautions for user

not applicable

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: None

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

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

None

Substances subject to the Rotterdam Convention:

None



Revision nr. 8 Dated 22/03/2023 Printed on 23/03/2023 Page n. 10/11

TC86500 - BUFFER solution pH 4,00 ± 0,02 at 25°C RED std

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:

Acute Tox. 2 Acute toxicity, category 2

Acute Tox. 3 Acute toxicity, category 3

Skin Corr. 1C Skin corrosion, category 1C

Skin Sens. 1A Skin sensitization, category 1A

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

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

H310 Fatal in contact with skin.

H330 Fatal if inhaled.H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.

EUH210 Safety data sheet available on request.

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



Dated 22/03/2023 Printed on 23/03/2023 Page n. 11/11

TC86500 - BUFFER solution pH $4,00 \pm 0,02$ at 25°C RED std

- 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
- Regulation (EC) 1272/2008 (CLP) of the European Parliament
 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)
- 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

Safety Data Sheet No.8 of 22/03/23. Complete revision of version No.7 of 14/12/20.