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

1.1. Product identifier

Code:	**CEFLA 1**
Name	**Peroxy Ag+** Hydrogen Peroxide, Silver Ion, stabilisers, water

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

Description/Use	**Professional use.** **Exclusive use in the dental unit:** **pure for disinfection of dental unit water ducts,** **diluted 1:50 for water supply to dental instruments and for oral rinses**
Uses advised against	**Do not use for other purposes, e.g. skin or surface disinfection**

1.3. Details of the supplier of the safety data sheet

Company Name	**CEFLA S.C. Via Selice Provinciale 23/A**
Address	**Via Selice Provinciale, 23/A**
City and Country	**40026 Imola (BO)** **Italy** **ph. +39 0542 653111** **fax +39 0542 653444**
e-mail of competent person, responsible for the safety data sheet	**service.dental@cefla.it**

1.4 EMERGENCY TELEPHONE NUMBER

- AUSTRIA - Umweltbundesamt GmbH +4313100472 - chemikalien@umweltbundesamt.at
- BELGIUM - Centre Antipoisons +32022649636 – info@poisoncentre.be
- BULGARIA - Ministry of Health +35929301214 - biocides@mh.government.bg
- CROATIA - Croatian Institute for Toxicology and Anti-doping +38514686910 - toksikologija@hzjz.hr
- CYPRUS - Ministry of Labour, Welfare and Social Insurance, Department of Labour Inspection +35722405611 - cy-chemregistry@dli.mlsi.gov.cy
- CZEK REPUBLIC - Ministry of Helalth of the Czech Republic +420267082236, +420267082230, +420267082229 - biocidy@mzcr.cz
- DENMARK - Danish Environmental Protection Agency +4572544000 - mst@mst.dk
- ESTONIA - Health Board +3727943500 - clp@terviseamet.ee, info@terviseamet.ee
- FINLAND - Finnish Safety and Chemicals Agency (Tukes) +3585052000 - kirjaamo@tukes.fi
- FRANCE - French National Products and Composition Database (B.N.P.C.); French Poison and toxicovigilance Centre Network +33383852192 – bnpc@chru-nancy.fr
- GERMANY - BfR Bundesinstitut für Risikobewertung / German Federal Institute for Risk Assessment +4930184120 - bfr@bfr.bund.de
- GREECE - Hellenic Republic Independent Authority for Public Revenue D.G. of the General Chemical State Laboratory Directorate of Energy, Industrial and Chemical Products +302106479250, +302106479450 – devxp.gcsl@aade.gr, environment.gcsl@aade.gr
- HUNGARY - National Center for Public Health and Pharmacy +3614761135 - clp.ca@nnk.gov.hu
- ICELAND - Poisons Informaiton Center - Icelandic University Hospital +3545432222 – eitur@landspitali.is
- IRELAND - National Poisons Information Centre +35318092566 - chemicalsinfo@beaumont.ie
- ITALY - Istituto Superiore di Sanità (ISS) +390649906140 - inscweb@iss.it
- LATVIA - Latvian Environment, Geology and Meteorology Centre +37167032600 - lvgmc@lvgmc.lv
- LIECHTENSTEIN - Gesundheit Österreich GmbH +4314066898 - ViZ@goeg.at
- LITHUANIA - Environmental Protection Agency +37068292653 - aaa@gamta.lt
- LUXEMBOURG - Centre Antipoisons (BE) on behalf of Ministère-Direction de la Santé +32022649636, +35224785551 - info@poisoncentre.be, direction-sante@ms.etat.lu
- MALTA - Malta Competition and Consumer Affairs Authority (MCCAA) +35623952000 - info@mccaa.org.mt
- NETHERLANDS - National Poisons Information Center / University Medical Center Utrecht +31887558561 - productnotificatie@umcutrecht.nl
- NORWAY - Norwegian Environment Agency +4573580500 - produktregisteret@miljodir.no
- POLAND - Bureau for Chemical Substances +48422538400 - biuro@chemikalia.gov.pl
- PORTUGAL - Centro de informação antivenenos +351213303271 - ciav.tox@inem.pt
- ROMANIA - National Institute for Public Health +40213183606 - infotox@insp.gov.ro
- SLOVAKIA - National Toxicological Information Centre +421254652307 - ntic@ntic.sk
- SLOVENIA - Centre for Clinical Pharmacology and Toxicology, Division of Internal Medicine, University Medical Centre Ljubljana +38615221293 - gp.ukc@kclj.si
- SPAIN - Instituto Nacional de Toxicología y Ciencias Forenses (INTCF) +34917689800 - intcf.doc@justicia.es
- SWEDEN - Swedish Poisons Information Centre +46104566750 - giftinformation@gic.se
- UNITED KINGDOM - National Poisons Information Service +441215074123 - allistervale@npis.org, sallybradberry@npis.org

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous under the provisions of Regulation (EC) 1272/2008 (CLP).
However, as the product contains hazardous substances in such a concentration as to be declared in section no. 3, it requires a safety data sheet with appropriate information in accordance with Regulation (EU) 2020/878.
Classification and hazard statements:

2.2. Label elements
Hazard labelling pursuant to (EC) Regulation 1272/2008 (CLP) and subsequent amendments and additions.

Danger pictograms: --

Warnings: --

Hazard statements:

EUH210 Safety data sheet available on request.

Precautionary statements:

P262	Do not get in eyes, on skin, or on clothing.
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing

2.3. Other hazards
Based on available data, PBT or vPvB substance content in the product is not ≥ 0.1%.
The product does not contain substances with endocrine-disrupting properties in concentrations ≥ 0.1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification	Conc. %	Classification 1272/2008 (CLP)
Hydrogen peroxide solution		
INDEX 008-003-00-9	3	Ox. Liq. 1 H271, Acute Tox. 4 H302, Acute Tox. 4 H332, Skin Corr. 1A H314, Eye Dam. 1 H318, STOT SE 3 H335, Classification note according to Annex VI of the CLP Regulation: B
CE 231-765-0		Ox. Liq. 1 H271: ≥ 70%, Ox. Liq. 2 H272: ≥ 50%, Skin Corr. 1A H314: ≥ 70%, Skin Corr. 1B H314: ≥ 50%, Skin Irrit. 2 H315: ≥ 35%, Eye Dam. 1 H318: ≥ 8%, Eye Irrit. 2 H319: ≥ 5%, STOT SE 3 H335: ≥ 35%
CAS 7722-84-1		LD50 Oral: 1232 mg/kg, STA Vapour inhalation: 11 mg/l
Ag+ Ion (Silver nitrate)		
INDEX 047-001-00-2	< 0.01	Ox. Sol. 2 H272, Skin Corr. 1B H314, Eye Dam. 1 H318, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1
CE 231-853-9		
CAS 7761-88-8		

The full text of the hazard statements (H) is given in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures
EYES: Remove any contact lenses. Wash immediately and thoroughly with water for at least 30 to 60 minutes, opening the eyelids wide. Seek medical attention immediately.
SKIN: Remove contaminated clothing. Shower immediately. Seek medical attention immediately.
IF SWALLOWED: Make people drink as much water as possible. Seek medical attention immediately. Do not induce vomiting unless expressly authorised by your doctor.
INHALATION: Seek medical attention immediately. Move the injured person outside, away from the scene of the accident. If he/she stops breathing, perform CPR. The rescuer should take appropriate precautions.

4.2. Most important symptoms and effects, both acute and delayed
Acute effects
EYES Possible temporary irritation on contact
IF SWALLOWED possible slight irritation of mucous membranes of the digestive tract
Delayed effects
Data not available

4.3. Indication of any immediate medical attention and special treatment needed
No data available for medical monitoring for delayed effects.

SECTION 5. Firefighting measures

5.1. Extinguishing media
SUITABLE EXTINGUISHING MEDIA
The fire-extinguishing media are the traditional ones: carbon dioxide, foam, powder and water mist.
UNSUITABLE EXTINGUISHING MEDIA
No one in particular.

5.2. Special hazards arising from the substance or mixture
EXPOSURE HAZARDS IN CASE OF FIRE
Avoid inhaling combustion products.

5.3. Advice for firefighters
GENERAL INFORMATION
Cool the containers using water jets to prevent product from decomposing and potentially developing health harmful substances. Always wear complete fire protecting equipment. Collect water used to extinguish the fire as it must not be discharged in the sewage system. Dispose of the contaminated water used to extinguish the fire and of the fire residual according to the laws in force.
EQUIPMENT
Normal fire protecting equipment, as open-circuit compressed air breathing apparatus (EN 137), protective clothing (EN469), protective gloves (EN 659) and Firefighters boots (HO A29 or A30).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Stop the leak if there is no danger.
Wear appropriate protective equipment (including the personal protective equipment listed in section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing. These instructions apply to both workers and emergency responders.

6.2. Environmental precautions
Prevent the product from entering sewers, surface water and groundwater.

6.3. Methods and material for containment and cleaning up
Vacuum the spilled product into a suitable container. Assess the compatibility of the container to be used with the product, checking section 10. Absorb the remaining product with inert absorbent material.
Ensure sufficient ventilation of the site affected by the spillage. Disposal of contaminated material must be carried out in accordance with section 13.

6.4. Reference to other sections
Other information regarding individual protection and disposal are included in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling
Provide an adequate earthing system for equipment and persons. Avoid contact with eyes and skin. Do not inhale dusts, vapours or mists. Do not eat, drink or smoke during use. Wash your hands after use. Avoid disposing of the product in the environment.

7.2. Conditions for safe storage, including any incompatibilities
Store between 5 and 40 °C.
Store only in the original container. Store in a ventilated place away from fire sources. Keep containers hermetically closed. Keep products in clearly labelled containers. Avoid overheating. Avoid violent shocks. Store the containers far from material which may be incompatible, refer to section 10.

7.3. Specific end use(s)
Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory references:

GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition 2020)
	TLV-ACGIH	ACGIH 2021

Hydrogen peroxide solution

Threshold limit value				
Type	Country	TWA/8h	STEL/15 min	Notes / Remarks

		mg/m3	ppm	mg/m3	ppm	
WEL	GBR	1.4	1	2.8	2	
TLV-ACGIH		1.4	1			

Silver nitrate (soluble compound)

Threshold limit value

Type	Country	TWA/8h		STEL/15 min		Notes / Remarks
		mg/m3	ppm	mg/m3	ppm	
VLEP	I	0.01				

Key:
(C) = CEILING; INALAB = Fraction that can be inhaled; RESPIR = Fraction that can be breathed; TORAC = Thorax fraction.
VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no identified hazard ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

8.2. Exposure controls

Since the use of appropriate technical measures should always take priority over personal protective equipment, ensure good ventilation in the workplace through effective local exhauster.
When choosing personal protective equipment, seek advice from your chemical suppliers if necessary.
Personal protective equipment should bear the CE marking attesting to its conformity with applicable standards.

HAND PROTECTION
Protect hands with category III work gloves (ref. standard EN 374).
For the final choice of work glove material, the following must be considered: compatibility, degradation, breakthrough time and permeation.
In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it cannot be predicted. Gloves have a wear time that depends on the duration and mode of use.

SKIN PROTECTION
Wear long-sleeved work clothes and category I safety footwear for professional use (ref. Regulation 2016/425 and standard EN ISO 20344). Wash with soap and water after removing protective clothing.

EYE PROTECTION
It is advisable to wear airtight protective goggles (ref. standard EN 166).

RESPIRATORY PROTECTION
If the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product is exceeded, it is advisable to wear a mask with a type B filter. Choose filter class (1, 2 or 3) in relation to the limit concentration of use. (ref. standard EN 14387). If gases or vapours of a different nature and/or gases or vapours with particles (aerosols, fumes, mists, etc.) are present, combined filters must be used.
The use of respiratory protective equipment is necessary if the technical measures taken are not sufficient to limit the worker's exposure to the threshold values taken into consideration. The protection offered by masks is in any case limited.
In the event that the substance in question is odourless or its odour threshold is higher than the relevant TLV-TWA, and in the event of an emergency, wear an open-circuit self-contained breathing apparatus (ref. standard EN 137) or an air-purifying respirator (ref. standard EN 138). For the correct choice of respiratory protective device, refer to standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS
Emissions due to operating processes, including emissions due to ventilation systems, should be controlled for the sake of compliance with the legislation for environmental protection.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Property	Value	Information
Physical State	liquid	
Colour	transparent	
Odour	not available	Reason for lack of data: Not applicable
Melting point or freezing point	0 °C	
Initial boiling point	100 °C	
Flammability	not available	Reason for lack of data: the mixture is not flammable
Lower explosion limit	not available	Reason for lack of data: Not Applicable
Upper explosion limit	not available	Reason for lack of data: Not Applicable
Flash point	not available	Reason for lack of data: Non-combustible

		water solution
Auto-ignition temperature	not available	Reason for lack of data: Not Applicable
Decomposition temperature	not available	Reason for lack of data: Not applicable
pH	4.5	
Kinematic viscosity	not available	Reason for lack of data: Not applicable for the purpose of classification
Solubility	Fully miscible in water	
Partition coefficient: n-octanol/water:	not available	Reason for lack of data: Not applicable (inorganic substance)
Vapour pressure	23 hPa	
Density and/or Relative density	1.008 g/cm3	
Relative vapour density	not available	Reason for lack of data: The product is volatile
Particle characteristics		
Median equivalent diameter		
Note:	N.A.	

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
The mixture is contained in a suitable container resistant to contact.
There is no risk of hazardous reactions due to the reactivity of the substance or mixture.

Hydrogen peroxide solution
It decomposes when exposed to: light, heat. It decomposes on contact with: alkali metals. Possibility of explosion.

10.2. Chemical stability
Stable under normal conditions

10.3. Possibility of hazardous reactions
Hazardous reactions not foreseen during standard use.

10.4. Conditions to avoid
Temperature higher than 40 °C

Hydrogen peroxide solution
Avoid exposure to: light, heat. Avoid contact with: alkaline substances.

10.5. Incompatible materials
Reducing substances

Hydrogen peroxide solution

Incompatible with: flammable substances, acetone, ethanol, glycerol, organic sulphides, hydrated bases, oxidising substances, iron, copper, bronze, chromium, zinc, lead, silver, manganese, acetic acid.

10.6. Hazardous decomposition products
The product may release Oxygen

SECTION 11. Toxicological information

In the absence of experimental toxicological data on the product itself, any hazards of the product to health have been assessed on the basis of the properties of the substances contained, according to the criteria laid down in the relevant classification regulations.
Therefore, the concentration of any individual hazardous substances mentioned in section 3 must be taken into account when assessing the toxicological effects of exposure to the product.

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

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

Information regarding the probable exposure routes
Information not available

Immediate, delayed and chronic effects due to short and long term exposure
Information not available

Interactive effects
Information not available

ACUTE TOXICITY

ATE (Inhalation - vapours) of the mixture:	> 20 mg/l
ATE (Oral) of the mixture:	>2000 mg/kg
ATE (Dermal) of the mixture:	Unclassified (no significant component)

Hydrogen peroxide solution

LD50 (Dermal):	2 mg/kg rabbit at a 35% concentration
LD50 (Oral):	1232 mg/kg rat at a 35% concentration
LC50 (Vapour inhalation):	0.002 mg/l/4h rat
ATE (Vapour inhalation):	11 mg/l estimated from Table 3.1.2 of Annex I of CLP (data used for calculation of the acute toxicity estimate of the mixture)

SKIN CORROSION/IRRITATION
It does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE/IRRITATION
It does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION
It does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY
It does not meet the classification criteria for this hazard class

CARCINOGENICITY
It does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY
It does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE
It does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE
It does not meet the classification criteria for this hazard class

ASPIRATION HAZARD
It does not meet the classification criteria for this hazard class

11.2. Information on other hazards
According to the available data, the product does not contain any substances listed in the main European lists of potential or suspected endocrine disruptors with effects on human health under evaluation.

SECTION 12. Ecological information

Use according to good working practices, avoiding dispersion of the product in the environment. Notify the competent authorities if the product has reached waterways or contaminated soil or vegetation.

12.1. Toxicity

Hydrogen peroxide solution	
LC50 - Fish	16.4 mg/l/96h pimephales promelas
EC50 - Crustaceans	7.7 mg/l/48h Daphnia
EC50 - Algae / Aquatic Plants	4.3 mg/l/72h Chlorella vulgaris

12.2. Persistence and degradability
Hydrogen peroxide solution
Rapidly degradable

12.3. Bioaccumulative potential
Hydrogen Peroxide spontaneously decomposes into O_2 and H_2O.

12.4. Mobility in soil
Hydrogen Peroxide spontaneously decomposes into O_2 and H_2O.

12.5. Results of PBT and vPvB assessment
Based on available data, PBT or vPvB substance content in the product is not ≥ 0.1%.

12.6. Endocrine disrupting properties
According to the available data, the product does not contain any substances listed in the main European lists of potential or suspected endocrine disruptors with effects on the environment under evaluation.

12.7. Other adverse effects
Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods
Reuse if possible. Product residues as such are to be considered special non-hazardous waste.
Disposal must be entrusted to an authorised waste management company in accordance with national and, if applicable, local regulations.
CONTAMINATED PACKAGES
Contaminated packages must be sent to recycling stations or disposal plants in compliance with national regulations regarding waste management.

SECTION 14. Transport information

The product is not to be regarded as dangerous within the meaning of the regulations in force for the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).

14.1. UN number or ID number
not applicable

14.2. UN proper shipping name
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 users
not applicable

14.7. Maritime transport in bulk according to IMO instruments
Not relevant information

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 on the product or contained substances according to Annex XVII Regulation (EC) 1907/2006

Contained substances

Point	75

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

Regulated explosives precursor
The acquisition, introduction, possession or use of the regulated explosives precursor by private individuals shall be subject to the reporting obligation set out in Article 9.
All suspicious transactions and significant disappearances and thefts must be reported to the relevant national contact point.

Candidate List of Substances (Article 59 REACH)
Based on available data, SVCH substance content in the product is not ≥ 0.1%.

Substances subject to authorisation (Annex XIV REACH)
None

Substances subject to export notification obligation Regulation (EU) 649/2012:
None

Substances subject to Rotterdam Convention:
None

Substances subject to Stockholm Convention:
None

Health controls
Information not available

Italian legislative decree 152/2006 and subsequent amendments
Emissions according to Part V Annex I:

WATER	96.99 %

15.2. Chemical safety assessment

A chemical safety assessment has been carried out for the mixture and the substances contained:
Hydrogen peroxide solution

SECTION 16. Other information

Text of the hazard statements (H) mentioned in sections 2 and 3 of the sheet:

Ox. Liq. 1	Oxidising liquid, category 1
Acute Tox. 4	Acute toxicity, category 4
Skin Corr. 1 A	Skin corrosion, category 1A
STOT SE 3	Specific target organ toxicity - single exposure, category 3
H271	May cause fire or explosion: strong oxidizer.
H302	Harmful if swallowed.
H332	Harmful if inhaled.
H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.
EUH210	Safety data sheet available on request.

KEY:
- ADR: European Agreement concerning the carriage of dangerous goods by road
- CAS: Chemical Abstract Service number
- EC: Identification number in ESIS (European chemical Substances Information System)

- CLP: Regulation (EC) 1272/2008
- DNEL: Derived no-effect level
- EC50: Concentration of a compound where 50% of its maximal effect is observed
- EmS: Emergency Schedule
- GHS: Globally Harmonised System for the classification and labelling of chemicals
- IATA DGR: Regulations for the Transport of Dangerous Goods of the International Air Transport Association
- IC50: Immobilisation concentration of 50% of the test population
- IMDG: International Maritime Dangerous Goods Code
- IMO: International Maritime Organization
- INDEX: Identification number in Annex VI of the CLP
- LC50: Lethal concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational exposure level
- PBT: Persistent, bioaccumulative and toxic according to REACH
- PEC: Predictable environmental concentration
- PEL: Predictable exposure level
- PNEC: Predictable no-effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international carriage of dangerous goods by train
- ATE: Acute Toxicity Estimate
- TLV: Threshold limit value
- TLV CEILING: Concentration that must not be exceeded at any time during work exposure.
- TWA: Time-Weighted Average exposure limit
- TWA STEL: Short term exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulative according to REACH
- WGK: Water hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Regulation (EC) 1907/2006 of the European Parliament (REACH)
2. Regulation (EC) 1272/2008 of the European Parliament (CPL)
3. Regulation (EU) 2020/878 (Ann. II of REACH Regulation)
4. Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
11. Regulation (EU) 2016/918 of the European Parliament (VIII Atp. CLP)
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 (EU) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (EU) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (EU) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (EU) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (EU) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (EU) 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 agency website
- Database of templates of SDSs of chemical substances - Ministry of Health and Istituto Superiore di Sanità

Note to the user:
The information contained in this sheet is based on the knowledge available to us at the date of the last version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product.
This document should not be construed as a guarantee of any specific product properties.
Since the use of the product is not under our direct control, it is the user's responsibility to observe the applicable laws and regulations regarding health

and safety. We therefore decline all responsibility for any improper use.
Adequate training must be provided to personnel handling chemicals.
CLASSIFICATION CALCULATION METHODS
Chemical and physical hazards: The classification of the product was derived from the criteria set out in the CLP Regulation, Annex I Part 2. The methods for assessing chemical and physical properties are given in section 9.
Health hazards: The classification of the product is based on the calculation methods given in CLP Regulation, Annex I Part 3, unless otherwise stated in section 11.
Environmental hazards: The classification of the product is based on the calculation methods given in CLP Regulation, Annex I Part 4, unless otherwise stated in section 12.

Changes from previous revision
Changes have been made to the following sections:
01 / 02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.