

<b>NANOPHOS SA</b>	Revision no. 8 Dated 25/07/2024 Printed on 25/07/2024 Page no. 1/14 Replaced revision:7 (Dated: 24/07/2024)
<b>NANOMAX RUST CLEANER</b>	

## 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: Product name  
UFI:  
NanoPhos\_GA\_240820-004  
NANOMAX RUST CLEANER  
SHRV-80FC-1002-X4V6

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

Intended use  
Heavy-duty rust reducer in gel form, applicable even on vertical surfaces

#### 1.3. Details of the supplier of the safety data sheet

Name  
Full address  
District and country  
NANOPHOS SA  
Technological & Cultural Park  
19 500 Lavrio (Greece)  
greece  
Phone +30 22920 69312  
Fax +30 22920 69303

#### Email address of the competent person

Responsible for the safety data sheet  
Supplier:  
iarabatz@NanoPhos.com  
Ioannis Arabatzis

#### 1.4. Emergency telephone number

For urgent questions, please contact +30 210 7793777

### SECTION 2. Hazard identification

#### 2.1. Classification of the substance or mixture

The product is classified as hazardous according to the provisions set out in Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and supplements). The product therefore requires a safety data sheet that complies with the provisions of Regulation (EU) 2020/878. Any additional information regarding health and/or environmental risks is provided in sections 11 and 12 of this sheet.

##### Hazard classification and indications:

Substance or mixture corrosive to metals, category 1	H290	May be corrosive to metals.
Skin corrosion, category 1B	H314	Causes severe skin burns and serious eye damage.
Serious eye damage, category 1	H318	Causes serious eye damage.

#### 2.2. Labeling elements

Hazard labeling according to Regulation (EC) 1272/2008 (CLP) and subsequent amendments and supplements.

##### Hazard pictograms:

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Signal words: Danger

**Hazard statements:**

H290 May be corrosive to metals.

H314 Causes severe skin burns and serious eye damage.

**Precautionary statements:**

P260 Do not inhale smoke, mist or spray.

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

P303+P361+P353 IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water [or take a shower].

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P310 Call a POISON CENTER or doctor immediately.

P264 Wash thoroughly with plenty of soap and water after handling.

P321 Specific treatment (see ... on this label).

P234 Keep only in the original packaging.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P103 Read the label before use.

P501 Dispose of contents or container in accordance with local/national/international regulations.

P102 Keep out of reach of children.

P101 If medical advice is needed, have the product container or label at hand.

P390 Absorb the spill to prevent damage

the material.

P301+P330+P331 Absorb the spill to prevent damage

the material.

P405 Store in a closed place.

Contain: Phosphoric acid

**2.3. Other hazards**

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Based on available data, the product does not contain PBT or vPvB in a proportion greater than 0.1%.

The product does not contain substances with endocrine disrupting properties in a concentration higher than 0.1%.

### SECTION 3. Composition/information on ingredients

#### 3.2. Mixing

Contain:

Identification	x = Conc. % Classification (EC) 1272/2008 (CLP)	
Phosphoric acid		
INDEX 015-011-00-6	50 x < 70	Meth. Corr. 1 H290, Acute Tox. 4 H302, Skin Corr. 1B H314, Eye Dam. 1 H318, Classification note according to Annex VI to the CLP Regulation: B
EC 231-633-2		Meth. Corr. 1 H290: 20%, Skin Corr. 1B H314: 25%, Skin Irrit. 2 H315: 10% - < 25%, Eye Dam. 1 H318: 25%, Eye Irrit. 2 H319: 10% - < 25%
CAS 7664-38-2		ATE Oral: 500 mg/kg

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

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

If in doubt or if symptoms are present, contact a doctor and show him/her this document. In case of more severe symptoms, seek medical help immediately.

**EYES:** Remove contact lenses, if present and easy to do. Rinse immediately with plenty of water for at least 15 minutes, holding the eyelids wide open. Seek medical advice/attention.

**SKIN:** Remove all contaminated clothing immediately. Wash immediately and thoroughly with running water (and soap, if possible). Seek medical advice/attention.

Avoid further contact with contaminated clothing.

**INGESTION:** Do not induce vomiting unless specifically directed to do so by a physician. Rinse mouth with running water. Do not give anything by mouth to an unconscious person. Seek medical advice/attention.

**INHALATION:** Move victim to fresh air, away from the scene of the accident. In case of respiratory symptoms (cough, wheezing, difficulty breathing, asthma), keep victim in a position comfortable for breathing. If necessary, administer oxygen. If subject stops breathing, administer artificial respiration. Seek medical advice/attention.

**Rescuer's protection**

It is good practice for rescuers providing assistance to a person exposed to a chemical substance or mixture to wear personal protective equipment (PPE). The nature of this protection depends on the hazard level of the substance or mixture, the type of exposure and the degree of contamination. In the absence of more specific advice, the use of disposable gloves is recommended in the event of possible contact with body fluids. For the type of PPE appropriate to the characteristics of the substance or mixture, see Section 8.

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

Specific information about symptoms and effects caused by the product is unknown.

**DELAYED EFFECTS:** Based on currently available information, there are no known cases of delayed effects following exposure to this product.

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

Immediately contact a POISON CENTER or doctor/physician.

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Means that must be available at the workplace for specific and immediate treatment: running water for washing skin and eyes.

## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

#### SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing equipment must be of conventional type: 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  
inhale combustion products.

### 5.3. Recommendations for firefighters

#### GENERAL INFORMATION

Use water jets to cool containers and prevent product decomposition and the development of substances potentially hazardous to health.

Always wear full fire protection equipment. Collect fire extinguishing water to prevent it from entering the sewage system. Dispose of contaminated fire extinguishing water and fire debris in accordance with applicable regulations.

#### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS Standard

firefighting equipment, i.e. flame retardant suit (BS EN 469), gloves (BS EN 659) and boots (HO specifications 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

Stop leak if there is no danger.

Wear appropriate protective equipment (including personal protective equipment as specified in Section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing. This applies to both processing personnel and those involved in emergency procedures.

### 6.2. Environmental precautions

The product must not enter the sewage system and must not come into contact with surface water or groundwater.

### 6.3. Methods and materials for containment and cleaning up

Collect spilled product in a suitable container. Assess the compatibility of the container used, checking section 10. Absorb the remainder with an inert absorbent material.

Ensure that the spill area is well ventilated. Contaminated material should be disposed of in accordance with the provisions set out in section 13.

### 6.4. Reference to other sections

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

## SECTION 7. Handling and storage

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## 7.1. Precautions for safe handling

Ensure there is an adequate grounding system for equipment and personnel.

Avoid contact with eyes and skin. Do not breathe dust, vapors or mist. Do not eat, drink or smoke when using. Wash hands after use. Avoid release to the environment.

## 7.2. Conditions for safe storage, including any incompatibilities

Store in a ventilated, dry place, away from sources of ignition. Keep containers tightly closed. Store product in clearly labeled containers. Avoid overheating. Avoid violent impacts. Keep containers away from any incompatible materials; see section 10 for details.

## 7.3. Specific end uses

Information unavailable

# SECTION 8. Exposure controls/personal protection

## 8.1. Control parameters

### Legislative references:

brothers	French	Valeurs limites d'exposition professionnelle aux agents chimiques en FranceDécret n° 2021-1849 du 28 December 2021
GRC	Greece	ÿ. 26/2020 (ÿ. 50/ÿ. 6.3.2020) Harmonization of Greek legislation to the provisions of the directives 2017/2398/Eÿ, 2019/130/ÿ and 2019/983/ÿ «for the amendment of Directive 2004/37/ÿ the protection of workers from the risks associated with exposure to carcinogens or yyyy factors against work»
red	Romania	Decision No. 53/2021 amending Government Decision No. 1,218/2006, as well as and for the modification and supplementing government decision no. 1,093/2006
GBR I	United Kingdom EU OEL	EH40/2005 Workplace exposure limits (Fourth Edition 2020) Directives (EU) 2022/431; Directives (EU) 2019/1831; Directives (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directives (EU) 2017/164; Directives 2009/161/EU; Directives 2006/15/EC; DIRECTIVES 2004/37/EC; Directives 2000/39/EC; Directives 98/24/EC; Directives 91/322/EEC.
TLV-ACGIH		ACGIH 2023

## PHOSPHORIC ACID

### Exposure Limit Value (ELV)

Type	Country	TWA/8h		STEL/15min		Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
VLEP	brothers	1	0.2	2	0.5		
TLV	GRC	1		3			
TLV	red	1		2			
WEL	GBR	1		2			
steel	I	1		2			
TLV-ACGIH		1		3			

### Health - Derived No-Effect Level (DNEL)

#### Effect Level) - DNEL / DMEL

Route of exposure	Effects on CONSUMER				Effects ON working-class			
	Acute local	Acute systemic	Chronic local	Chronic system	Acute local	Acute systematic	Chronic local	Systematic chronic
Inhalation			0.73 mg/m3		2 mg/m3		1mg/m3	

### Legend:

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(C) = MAXIMUM LIMIT; INHAL = Inhalable Fraction; RESP = Respirable Fraction; THORA = Thoracic Fraction.  
 VND = hazard identified, but no DNEL/PNEC available; NEA = no exposure expected; NPI = no hazard identified; LOW = low hazard; MED = medium hazard; HIGH = high hazard.

**8.2. Exposure controls**

Since the use of appropriate technical equipment must always take priority over personal protective equipment, ensure that the workplace is well ventilated by effective local exhaust ventilation.

When choosing personal protective equipment, seek advice from the chemical supplier. Personal protective equipment should be CE marked, indicating that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

**HAND PROTECTION**

Protect your hands with category III work gloves.

The following must be considered when choosing the material for work gloves (see standard EN 374): compatibility, degradation, permeation time.

The resistance of gloves to chemical agents should be checked before use, as it can be unpredictable. The wearing time of gloves depends on the duration and type of use.

**SKIN PROTECTION**

Wear professional long-sleeved category II overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344).

Wash your body with soap and water after removing protective clothing.

**EYE PROTECTION**

Wear tight-fitting safety goggles (see standard EN ISO 16321).

**RESPIRATORY PROTECTION**

Respiratory protection devices must be used if the technical measures adopted are not adequate to restrict the worker's exposure to the limit values considered. Use a mask with a type B filter, the class of which (1, 2 or 3) must be chosen according to the limit concentration of use (see standard EN 14387).

If the substance is odourless or if the olfactory threshold is higher than the corresponding TLV-TWA and in case of emergency, wear an open-circuit compressed air breathing apparatus (according to standard EN 137) or an external air supply breathing apparatus (according to standard EN 138).

For the correct choice of respiratory protective device, refer to the EN 529 standard.

**ENVIRONMENTAL EXPOSURE CONTROL**

Emissions generated by manufacturing processes, including those generated by ventilation equipment, must be verified to ensure compliance with environmental standards.

**SECTION 9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

property	Liquid value	Information
appearance	not available	
Color	Whitish	
Smell	not available	
Melting point/freezing point	not available	
Initial boiling point	not available	
FLASH	not available	
Lower explosion limit	not available	

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Upper explosion limit	not available
Flash point	> 60 °C
Autoignition temperature	not available
pH decomposition temperature	not available 0.3
Kinetic viscosity	is not available
Solubility	is not available
Partition coefficient: n-octanol/water	not available
Vapor pressure	is not available
Density and/or relative density	is not available
Relative vapor density	is not available
Particle characteristics	does not apply

**9.2. Other information****9.2.1. Information on physical hazard classes**

Information unavailable

**9.2.2. Other safety features**

Information unavailable

**SECTION 10. Stability and reactivity****10.1. Reactivity**

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

Phosphoric acid

Decomposes at temperatures above 200°C/392°F.

**10.2. Chemical stability**

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

**10.3. Possibility of hazardous reactions**

No hazardous reactions are expected under normal conditions of use and storage.

Phosphoric acid

Risk of explosion on contact with: nitromethane.

May react dangerously with: alkalis, sodium borohydride.

**10.4. Conditions to avoid**

None in particular. However, the usual precautions for chemical products should be observed.

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**10.5. Incompatible materials**

Phosphoric acid

Incompatible with: metals, strong alkalis, aldehydes, organic sulfides, peroxides.

**10.6. Hazardous decomposition products**

Phosphoric acid

May develop: phosphorus oxides.

**SECTION 11. Toxicological information**

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

It is therefore necessary to consider the concentration of the individual hazardous substances indicated in section 3 to assess the toxic 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 informationInformation unavailableInformation on possible routes of exposureInformation unavailableDelayed and immediate effects, as well as chronic effects following exposureshort and long termInformation unavailableInteracting effectsInformation unavailable**ACUTE TOXICITY**ATE (Inhalation) of the mixture: Not classified (no significant components)ATE (Oral) of the mixture: >2000 mg/kgATE (Dermal) of the mixture: Not classified (no significant components)**PHOSPHORIC ACID**

LD50 (Dermal): 2740 mg/kg Rabbit

LD50 (Oral): 1530 mg/kg Mice

ATE (Oral): 500 mg/kg estimated from table 3.1.2 of Annex I to the CLP Regulation

(widely used for calculating the estimate of the acute toxicity of the mixture)

LC50 (Inhalation, mist/dust): &gt; 0.85 mg/l/1h Mice

SKIN CORROSION/IRRITATIONCorrosive to skin**NANOPHOS SA**

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Classification according to experimental pH value

### SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye damage

### RESPIRATORY OR EYE SENSITIZATION

leather

Does not meet the classification criteria for this class

of danger

### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this class

of danger

carcinogen

Does not meet the classification criteria for this class

of danger

### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this class

of danger

### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this class

of danger

### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this class

of danger

### ASPIRATION HAZARD

Does not meet the classification criteria for this class

of danger

## 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 effects on human health under evaluation.

## SECTION 12. Ecological information

Use this product in accordance with best practice. Avoid random disposal. Inform the competent authorities if the product enters waterways or contaminates soil or vegetation.

12.1. Toxicity

Information unavailable

**12.2. Persistence and degradability**

**PHOSPHORIC ACID**

**Solubility in water: > 850000 mg/l**

**Degradability: information unavailable**

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#### 12.3. Bioaccumulative potential

Information unavailable

#### 12.4. Mobility in soil

Information unavailable

#### 12.5. Results of PBT and vPvB assessment

Based on available data, the product does not contain any PBT or vPvB in a percentage greater than 0.1%.

#### 12.6. Endocrine Disrupting Properties

Based on 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 unavailable

### SECTION 13. Disposal considerations

#### 13.1. Waste treatment methods

Recycling is possible, where appropriate. Product residues must be considered special hazardous waste. The hazard level of waste containing this product must be assessed according to applicable regulations.

Disposal must be carried out by an authorised waste management company in accordance with national and local regulations. Transport of waste may be subject to ADR restrictions.

#### CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of according to national waste management regulations.

### SECTION 14. Transport information

#### 14.1. UN number or identification number

ADR / RID, IMDG, IATA: UN 1805

#### 14.2. UN proper shipping name

ADR/RID: PHOSPHORIC ACID, SOLUTION

IMDG: PHOSPHORIC ACID, SOLUTION

BEHOLD: PHOSPHORIC ACID, SOLUTION

#### 14.3. Transport hazard class

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ADR/RID: Grade: 8 Labels: 8

IMDG: Grade: 8 Labels: 8

BEHOLD: Grade: 8 Labels: 8

**14.4. Packing group**

ADR / RID, IMDG, IATA: III

**14.5. Environmental hazards**

ADR / RID: NO

IMDG: It is not a marine pollutant

BEHOLD: NO

**14.6. Special precautions for the user**

ADR/RID:	HIN - Kemler: 80	Amount Limited: 5 lt	Code restriction tunnel: (E)
IMDG:	Special provision: - EMS: FA, SB	Amount Limited: 5 lt	
BEHOLD:	Cargo:  Passengers:	Maximum quantity: 60 L  Maximum quantity: 5 L	Instructions packaging: 856  Instructions packaging: 852
	Special provision:	A3, A803	

**14.7. Bulk maritime transport according to IMO instruments****Irrelevant 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: No category

Restrictions related to the product or the substances contained according to Annex XVII of the EC Regulation

1907/2006

Product

Point 3

Substance contained**NANOPHOS SA****NANOMAX RUST CLEANER**

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Point 75

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

explosives precursors: Not applicable

Substances from the Candidate List (Art. 59 REACH):

Based on the available data, the product does not contain any SVHC in a percentage greater than

greater than 0.1%.

Substances subject to authorization (Annex XIV REACH):

None

Substances subject to export reporting under Regulation (EU)

649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Health checks

Workers exposed to this chemical agent do not have to undergo health checks.

health, provided that the available risk assessment data

demonstrate that risks to workers' health and safety are reduced

and that Directive 98/24/EC is complied with.

## 15.2. Chemical safety assessment

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

## SECTION 16. Other information

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

Meth. Corr. 1	Substance or mixture corrosive to metals, category 1
Acute Tox. 4	Acute toxicity, category 4
Skin Corr. 1B	Skin corrosion, category 1B
Skin Corr. 1C	Skin corrosion, category 1C
Skin Corr. 1	Skin corrosion, category 1
Eye Dam. 1	Serious eye damage, category 1
Eye Irritation.	Eye irritation, category 2
2 Skin Irritation. 2	Skin irritation, category 2
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.

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H318	Causes serious eye damage.
H319	Causes serious eye damage.
H315	Causes skin irritation.

**LEGEND:**

- ADR: European Agreement concerning the Carriage of Dangerous Goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- EC50: Effective concentration (necessary to induce a 50% effect)
- CE: Identifier in EESIS (European Archive of Existing Substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Service
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulations
- IC50: 50% immobilization concentration
- IMDG: International Maritime Dangerous Goods Code
- 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
- PEC: Predicted ambient concentration
- PEL: Predicted Exposure Level
- PMT: Persistent, mobile and toxic
- PNEC: Predicted No Effect Concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international carriage of dangerous goods by rail
- TLV: Exposure Limit Value
- TLV CEILING: Concentration that should not be exceeded at any time during occupational exposure
- TWA: Time Weighted Average Limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic compounds
- vPvB: Very persistent and very bioaccumulative -
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (in 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 (Annex II of the REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament 5.
- Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament 6.
- Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament 7.
- Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament 8.
- Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament 9.
- Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament 10.
- Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament 11.
- Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament 12.
- Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (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)
23. Delegated Regulation (EU) 2023/707 24.
- Delegated Regulation (EU) 2023/1434 (XIX Atp. CLP)

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24. Delegated Regulation (EU) 2023/1435 (XX Atp. CLP)

The Merck Index. - 10th edition

Chemical Handling Safety

NRS - Fiche Toxicologique (toxicology sheet)

Patty - Industrial Hygiene and Toxicology

NI Sax - Dangerous Properties of Industrial Materials - 7th edition, 1989

IFA GESTIS website

ECHA website

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

**Note to users:**

The information contained in this sheet is based on our knowledge at the date of the last version. Users must verify the suitability and completeness of the information provided for the specific use of the product.

This document should not be considered a guarantee of any specific product properties.

The use of this product is not under our direct control; users must therefore, under their own responsibility, comply with the laws and regulations in force regarding health and safety. The manufacturer is exempt from any liability that may arise from improper use.

Provide designated personnel with adequate training on the use of chemicals.

**CALCULATION METHODS FOR CLASSIFICATION**

**Chemical and physical hazards:** The classification of the product is derived from the criteria set out in the CLP Regulation, Annex I, Part 2. Data for the evaluation of chemical-physical properties are reported in section 9.

**Health hazards:** The classification of the product is based on the calculation methods according to Annex I to CLP, Part 3, unless otherwise stated in Section 11.

**Environmental hazards:** The classification of the product is based on the calculation methods according to Annex I to CLP, Part 4, unless otherwise stated in Section 12.

**Changes from the previous review:**

The following sections were modified: 02 / 03 / 11.