Safety data sheet

ST MOP5

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

1.1. Product identifier

Code:	**1OVENDESCRINSE OVEN**
Name	**DESCALER & RINSE**
UFI :	**XPQ1-80WG-C004-3D69**

1.2. Relevant identified uses of the substance or mixture and non-recommended uses

Description/Application	**ECO-FRIENDLY BIO DESCALER**

Intended uses	Industrial	Professional	Consumer
DESCALED	**PROC: 7th PC: 35th LCS: IS.**	**PC: 35. LCS: HP.**	
			-

Not recommended uses
CONSUMER USE

1.3. Details of the supplier of the safety data sheet

Company Name Address Place and State	**RM GASTRO CZ s.r.o. Náchodská 818/16 193 00 Praha 9 - H. Počernice Czech Republic Tel.: +420 281 926 604**
E-mail of the competent person Person responsible for the safety data sheet	**obchod@rmgastro.com**

1.4. Emergency telephone number

If you need urgent information, please contact.	**UK: Call NHS 111 or a doctor IRELAND: Emergency Medicine Information: 8:00am – 10:00pm (seven days) Contact the National Poison Information Centre, Beaumont Hospital, Dublin 9 DOV2NO, Ireland. Phone number: +353 (0)1 809 2166 ISALND: 24 hours a day. Phone: +543 2222 or 112 A list of toxicotherapy centres is available at the following link: http://www.who.int/gho/phe/chemical_safety/poisons_centres/en/**

SECTION 2. Hazard identification

2.1. Classification of the substance or mixture

The product is classified as hazardous within the meaning of the provisions of Regulation (EC) 1272/2008 (CLP) (as amended). For this reason, the product requires a safety data sheet in accordance with the provisions of Regulation (EU) 2020/878.
Any additional information regarding the potential risk to health and the environment is provided in Sections 11 and 12 of this Sheet.

Hazard classification and labelling: Eye irritation, Category 2 Specific target organ toxicity - single exposure, Category 3 Skin sensitisation, Category 1A Hazardous to the aquatic environment, chronic toxicity, category 3	H319 H335	It causes serious eye irritation. It can cause respiratory irritation.
	H317 H412	It can cause an allergic skin reaction. Harmful to aquatic organisms, with long-lasting effects.

SECTION 2. Hazard identification ... / >>

2.2. Label elements

Hazard designation within the meaning of Regulation (EC) No 1272/2008 (CLP), as amended.

Hazard warning symbols:

Signal words: Warning

Standard hazard statements:

H319	It causes serious eye irritation.
H335	It can cause respiratory irritation. It can
H317	cause an allergic skin reaction.
H412	Harmful to aquatic organisms, with long-lasting effects.

Instructions for safe handling:

P280 P261	Wear protective gloves and safety glasses/face shield.
P312	Avoid inhaling dust/smoke/gas/mist/vapor/aerosols.
P403+P233	If you feel unwell, contact a POISON CONTROL CENTER or a doctor Store in a well-ventilated area.
P362+P364	Keep the package tightly closed. Take off contaminated clothing and wash it before using it again.
P273	Avoid release into the environment.

Includes: Citric Acid Mixture: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one

Composition in accordance with Directive (EC) No. 648/2004

Preservatives: Mixture: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one

2.3. Other hazards

Based on the available data, the product does not contain PBT or vPvB substances in a proportion of ≥ 0.1%.

The product does not contain substances with endocrine-disrupting properties at a concentration of ≥ 0.1%.

SECTION 3. Composition/Ingredient Information

3.2. Mixtures

Includes:

Identification		**x = End %**	**Classification (EC) 1272/2008 (CLP)**
Citric acid			
INDEX		25 ≤ x < 33	**Eye Irrit. 2 H319, STOT SE 3 H335**
CE CAS	*201-069-1*		
Reg. REACH	*77-92-9* *01-2119457026-42-XXXX*		
Mixture: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one			
INDEX	*613-167-00-5*	0.0025 ≤ x < 0.025	**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 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: 53 mg/kg, STA Dermal: 50.001 mg/kg, STA Inhalation Mist/Dust: 0.051 mg/L, STA Inhalation Vapour: 0.501 mg/L**
CE			
CAS	*55965-84-9*		
Reg. REACH	*01-2120764691-48-XXXX*		

SECTION 4. First aid instructions

4.1. Description of first aid

EYES: Remove any contact lenses. Immediately rinse your eyes with a stream of water for at least 30/60 minutes; Keep your eyelids properly open. See a doctor immediately.
SKIN: Take off soiled clothing. Take a shower immediately. See a doctor immediately.
INGESTION: Give as much water as possible to drink. See a doctor immediately. Do not induce vomiting unless specifically authorized by a physician. INHALATION: Call a doctor immediately. Take the victim to fresh air, away from the accident site. If the victim stops breathing, perform artificial respiration. Ensure appropriate safety measures for rescuers.

4.2. Key acute and delayed symptoms and effects

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

4.3. Instruction concerning immediate medical assistance and special treatment

Data not available

SECTION 5. Fire extinguishing measures

5.1. Hash

SUITABLE EXTINGUISHING AGENTS
Common extinguishing agents: carbon dioxide, foam, powder and water mist.
UNSUITABLE FIRE EXTINGUISHING AGENTS
No specific one.

5.2. Particular hazard arising from the substance or mixture

HAZARDS DUE TO EXPOSURE IN THE EVENT OF FIRE
Prevent inhalation of combustion products.

5.3. Instructions for firefighters

GENERAL INFORMATION
Cool the containers with a stream of water to prevent the product from decomposing and the formation of substances potentially hazardous to health. Always wear complete fire protection equipment. Pump out used extinguishing water that must not be discharged into the sewer. Dispose of used fire extinguishing water and fire residues according to applicable standards.
EQUIPMENT
Normal fire extinguishing aids such as open-circuit compressed air breathing equipment (EN 137), fireproof coveralls (EN469), fireproof gloves (EN 659) and firefighter's boots (HO A29 or A30).

SECTION 6. Accidental Leakage Precautions

6.1. Personal protection measures, protective equipment and emergency procedures

If there is no danger, stop the leak.
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. These instructions apply to both persons performing work and emergency interventions.

6.2. Environmental protection measures

Prevent the product from leaking into sewers, surface and subsurface water.

6.3. Methods and material for leakage containment and cleaning

Vacuum the spilled material into a suitable container. Assess the compatibility of the container you will be using for this product according to the information in section 10. Allow the rest to soak into the inert absorbent material.
Ensure adequate ventilation of the leak site. Disposal of contaminated material must be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections

For information related to personal protection and disposal, please refer to Sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Handle the product only after you have read the full contents of this safety data sheet. Prevent the product from leaking into the environment. Do not consume food or beverages or smoke while working. Remove contaminated clothing and protective equipment before entering the dining areas.

7.2. Conditions for the safe storage of substances and mixtures, including incompatible substances and mixtures

Store only in the original container. Store in sealed containers in a well-ventilated area, protect from direct sunlight. Store containers away from any incompatible materials - see section 10.

Storage class TRGS 510 (Germany): 10

7.3. Specific end-use(s)

Attach this safety data sheet to the exposure scenarios.

SECTION 8. Exposure control/personal protective equipment

8.1. Control parameters

Reference regulations:

DEU	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

Citric acid

Limit value of permitted concentration

Species	Country	TWA/8h		STEL/15min		Notes/Comments
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	2		4		INHALATION

Predicted Environmental Effect Concentration - PNEC.

Reference value in fresh water	0,44	mg/l
Reference value in seawater	0,044	mg/l
Reference value for sediments in fresh water.	34,6	mg/kg
Reference value for sediments in seawater.	3,46	mg/kg
Reference value for STP micro-organisms.	1000	mg/l
Reference value for terrestrial environment.	33,1	mg/kg

Legend: (C) = CEILING ; INHALATION = Inhalable fraction ; RESPIR = Respirable fraction ; THORAK = Thoracic fraction. VND = hazard identified, but no DNEL/PNEC is reported; NEA = no exposure is expected ; NPI = no hazard identified ; LOW = low danger ; MED = medium hazard ; HIGH = High Hazard.

8.2. Limitation of exposure

Since the use of appropriate technical measures should always take precedence over equipping with personal protective equipment, ensure good ventilation in the workplace by means of effective local extraction.
If necessary, consult your chemical suppliers when choosing personal protective equipment.
Personal protective equipment must bear the CE marking, which proves its conformity with the applicable regulations.
When choosing risk management measures and working conditions, consult the attached exposure scenarios.
Install an emergency shower with an eyewash tray.
HAND PROTECTION
To protect your hands, wear work gloves of category III (see EN 374).
When choosing a work glove, the following must be taken into account: compatibility, decomposition, tear time and permeation.
In the case of products, the resistance of work gloves to chemical reagents must be checked before use, as it is not predictable.
The wear time of gloves depends on how long and how they are used.
SKIN PROTECTION
Wear long-sleeved work clothes and safety work shoes of category II (Council Ref. 2016/425 and EN ISO 20344). After taking off your protective clothing, wash yourself with soap and water.
EYE PROTECTION
The use of hermetic safety goggles (see EN 166) is recommended.
RESPIRATORY PROTECTION
V case of exceeding the limit value (e.g. TLV-TWA) of a substance or of one or more substances contained in the product, it is recommended to use

SECTION 8. Exposure control/personal protective equipment ... / >>

a mask with a type A filter, the class (1, 2 or 3) of which shall be selected on the basis of the serviceability limit concentration. (see EN 14387).
In the event of the presence of gases and vapours of a different nature and/or gases or vapours containing particles (aerosols, fumes, mists, etc.), filters of the combined type shall be provided.
The use of respiratory protective equipment is necessary if the technical measures taken are not sufficiently effective to limit exposure at work to the thresholds considered. However, masks only provide partial protection.
If the substance under consideration is odourless or has an odour threshold higher than the relevant TLV-TWA value, and in an emergency situation, use an open-circuit compressed air breathing apparatus (ref. EN 137) or an external air supply breathing apparatus (ref. EN 138). To choose the right respiratory protective equipment, follow EN 529.

ENVIRONMENTAL EXPOSURE CONTROL
Emissions generated by production processes, including those emitted by ventilation equipment, should be measured with respect to compliance with environmental legislation.
Product residues must not be disposed of uncontrollably into wastewater or watercourses.
Information on the control of exposure to the environment is provided in the exposure scenarios attached to this safety data sheet.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Features	Value	Information
Physical state Color	liquid yellow	
Odor Melting point / Freezing point Initial boiling point	not available > 0 °C	
Flammability	> 100 °C Not relevant based on physical condition Not available not available	
Lower explosion limits Upper explosion limits Flash point	93 °C	Reason for missing data:There are no flammable additives in the formula
Auto-ignition temperature Decomposition temperature pH Kinematic viscosity Solubility Partition coefficient: n-octanol/water Vapor pressure Density and/or relative density Relative vapor density Particle characteristics	> not available 2.1 not available water soluble not available 1.1 not available not applicable	

9.2. Additional information

9.2.1. Information concerning physical hazard classes

Data not available

9.2.2. Other safety features

Data not available

SECTION 10. Stability and reactivity

10.1. Reactivity

Under normal conditions of use, there is no particular risk of reaction with other substances.

10.2. Chemical stability

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

10.3. Possibility of dangerous reactions

Under normal conditions of use and storage, hazardous reactions are not expected.

SECTION 10. Stability and reactivity ... / >>

10.4. Conditions to be avoided

No specific one. Follow the usual safety procedures when working with chemicals.

10.5. Incompatible Materials

Data not available

10.6. Hazardous breakdown products

Data not available

SECTION 11. Toxicological information

In the absence of experimental toxicological data on the product itself, the potential health hazard of the product was assessed on the basis of the substances contained in the article, according to the criteria set out in the reference classification standard.
Therefore, for the assessment of toxicological effects on exposure to the product, consider the concentrations of the individual hazardous substances that would be listed in Section 3.

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

Metabolism, toxicokinetics, mechanism of action and other information

Data not available

Information on likely exposure routes

Data not available

Delayed and immediate effects, as well as chronic effects of short- and long-term exposure

Data not available

Interactive effects

Data not available

ACUTE TOXICITY

ATE (Inhalation)	Not classified (no significant component)
Blends: ATE (Oral)	Not classified (no significant component)
Blends: ATE (Dermal)	Not classified (no significant component)
Blends:	

Mixture: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one LD50 (oral): 53 mg/kg Rat

Citric Acid LD50	
(Dermal): LD50	> 2000 mg/kg Rat
(Oral):	5400 mg/kg Rat

CORROSIVE/IRRITATING TO THE SKIN

Does not meet the classification criteria for this hazard class

Blend: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one Skin Corr. 1B

SERIOUS EYE DAMAGE / EYE IRRITATION

Causes serious eye irritation

Mixture: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one Eye damage 1

RESPIRATORY SENSITISATION/SKIN SENSITISATION

Sensitive to skin

SECTION 11. Toxicological information ... / >>

Respiratory sensitization

Blend: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one Skin Sens. 1

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

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE

May cause respiratory irritation

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

DANGEROUS IF INHALED

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 for which an evaluation of effects on human health is ongoing.

SECTION 12. Environmental information

The substance is hazardous to the environment and harmful to aquatic organisms with long-term negative effects on the aquatic environment.

12.1. Toxicity

Mixture: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one LC50 - for Fish EC50 - for Crustaceans EC50 - for Algae / Aquatic Plants Chronic NOEC for fish Chronic NOEC for crustaceans

	0.19 mg/l/96h Oncorhynchus mykiss 0.18 mg/l/48h Daphnia magna 0.13 mg/l/72h Pseudokirchneriella subcapitata 0.02 mg/l 0.0036 mg/l
Citric Acid LC50 - for Fish EC50 - for Crustaceans	440 mg/l/96h Leuciscus idus melanotus 1535 mg/l/48h Daphnia magna

12.2. Persistence and degradability

Mixture: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one Breakdown ability: not specified

Citric Acid Rapid Decomposition	97%, OCSE 301B, 28d

12.3. Bioaccumulation potential

Mixture: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one Partition coefficient n-octanol/water 0.401 Log Kow

12.4. Mobility in soil

Data not available

SECTION 12. Environmental information ... / >>

12.5. Results of PBT and vPvB assessments

Based on the available data, the product does not contain PBT or vPvB substances in a proportion of ≥ 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 for which an environmental impact assessment is ongoing.

12.7. Other adverse effects

Data not available

SECTION 13. Disposal instructions

13.1. Waste management methods

Reuse if possible. Product residues should be considered hazardous waste. The hazardous properties of waste partially containing this product must be evaluated in accordance with the applicable legal regulations.
Reuse if possible. As such, product residues are considered other waste that is not hazardous. Disposal must be entrusted to a company authorized to manage waste, according to national and, if applicable, local regulations: Act No. 185/2001 Coll., on Waste, as amended, Decree No. 383/2001 Coll., on the details of waste management, as amended, Decree No. 93/2016 Coll., Waste Catalogue, as amended

CONTAMINATED PACKAGING
Contaminated packaging must be sent for recycling or disposal in accordance with national waste management standards.
CONTAMINATED PACKAGING
Contaminated packaging must be sent for recycling or disposal in accordance with national waste management standards.

SECTION 14. Shipping Information

The product is not to be considered dangerous within the meaning of the applicable regulations on the transport of dangerous goods by road (ADR), rail (RID), sea (IMDG Code) and air (IATA).

14.1. UN number or ID number

not applicable

14.2. Official (UN) Designation for Transport

not applicable

14.3. Hazard class(s) for transport

not applicable

14.4. Packaging group

not applicable

14.5. Environmental hazard

not applicable

14.6. Special precautions for users

not applicable

14.7. Maritime bulk transport according to IMO instruments

Irrelevant information

SECTION 15. Regulatory Information

15.1. Safety, health and environmental rules/specific legislation on the substance or mixture

Category Seveso - Directive 2012/18/EU: None

Restriction on the product or substances contained in Annex XVII to Regulation (EC) No 1907/2006 Product Point Substances contained Point
3

75

Council Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors is not applicable

Substances listed in the Candidate List (Article 59 of REACH) According to available data, the content of SVHC substances in the product ≥ not 0.1%.

Substances requiring authorisation (Annex XIV to REACH) None

Substances subject to the export reporting obligation Regulation (EC) 649/2012: None

Substances subject to the Rotterdam Convention:
None

Substances subject to the Stockholm Convention:
None

Hygiene checks
Workers exposed to this chemical do not need to undergo medical examinations, provided that hazard assessment data are available to demonstrate that the hazard to the health and safety of workers is moderate and that the measures set out in Directive 98/24/EC are respected.

(EC) No 648/2004
Composition in accordance with Directive (EC) No. 648/2004

Classification in terms of pollution of water resources in Germany (AwSV, vom 18. April 2017) WGK 2: Substances harmful to water resources

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the product(s) listed in Part 3.

SECTION 16. Learn more

Text of the hazard designation (H) given in sections 2-3 of the form:

Acute Tox. 2 **Acute Tox. 3** **Skin Corr. 1C** **Eye Irrit. 2** **STOT SE 3** **Skin Sens. 1A** **Aquatic Acute 1** **Aquatic Chronic 1** **Aquatic Chronic 3**	Acute Toxicity, Category 2 Acute Toxicity, Category 3 Skin Corrosion, Category 1C Eye Irritation, Category 2 Specific Target Organ Toxicity - Single Exposure, Category 3 Skin Sensitisation, Category 1A Aquatic Hazardous, Acute Toxicity, Category 1 Aquatic Hazardous, Chronic Toxicity, Category 1 Aquatic Hazardous, Chronic Toxicity, Category 3
H310	May Cause Death in Contact with Skin.
H330	If inhaled, it can cause death.
H301	Toxic if swallowed.
H314	It causes severe skin burns and eye damage.
H319	It causes serious eye irritation.
H335	It can cause respiratory irritation.

SECTION 16. Learn more ... / >>

H317	It can cause an allergic skin reaction.
H400	Highly toxic to aquatic organisms.
H410	Highly toxic to aquatic life, with long-lasting effects. Harmful to
H412	aquatic organisms, with long-lasting effects. It causes burns
EUH071	in the respiratory tract.

Application Descriptor	
System: LCS IS LCS PW	Use in industrial facilities Wide use by
PC 35	professional workers Work and cleaning agents
PROC 7	Spraying techniques in industrial facilities

LEGEND:
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE: Acute toxicity estimation
- CAS: Numerical identifier according to the Chemical Abstract Service database
- CE50: Concentration at which the effect is felt in 50% of the tested population
- CE: Numerical identifier in ESIS (European Database of Existing Chemicals)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived Level of Exposure Without Consequences
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of Classification and Labeling of Chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Handbook
- IC50: Concentration inducing 50% immobilization of the test population
- IMDG: International Regulation for the Maritime Transport of Dangerous Goods
- IMO: International Maritime Organization
- INDEX: Numerical identifier according to Annex VI to CLP
- LC50: 50% lethal concentration
- LD50: 50% lethal dose
- OEL: Occupational exposure limit value
- PBT: Persistent, bioaccumulative and toxic according to REACH
- PEC: Predicted concentration in the environment
- PEL: Permissible Exposure Limit
- PNEC: Predicted No Effect Concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulations for the International Carriage of Dangerous Goods by Rail
- TLV: Limit value of permitted concentration
- TLV CEILING: The concentration that must not be exceeded at any time during occupational exposure.
- TWA: Time-Balanced Average
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic compound
- vPvB: Highly persistent and highly bioaccumulative according to REACH
- WGK: Wassergefährdungsklassen (Deutschland).

GENERAL BIBLIOGRAPHY:
1. Regulation (EC) 1907/2006 of the European Parliament and of the Council (REACH)
2. Regulation (EC) No 1272/2008 of the European Parliament and of the Council (CLP)
3. Regulation (EU) 2020/878 of the A of the Council (Annex II to the REACH Regulation)
4. Regulation (EC) 790/2009 of the European Parliament and of the Council (i.e. etc.)
5. Regulation (EU) 286/2011 of the European Parliament and of the Council (II et al. CLP)
6. Regulation (EU) 618/2012 of the European Parliament and of the Council (III et al. CLP)
7. Regulation (EU) 487/2013 of the European Parliament and of the Council (IV et al. CLP)
8. Regulation (EU) 944/2013 of the European Parliament and of the Council (et al. CLP)
9. Regulation (EU) 605/2014 of the European Parliament and of the Council (VI et al. CLP)
10. Regulation (EU) 2015/1221 of the European Parliament and of the Council (VII et alp.)
11. Regulation (EU) 2016/918 of the European Parliament and of the Council (VIII et alp.)
12. Regulation (EU) 2016/1179 of the Council (IX et al. CLP)
13. Regulation (EU) 2017/776 of the Council (X et seq.)
14. Regulation (EU) 2018/669 of the Council (XI et clp)
15. Regulation (EU) 2019/521 of the A of the Council (XII et al. CLP)
16. Commission Delegated Regulation (EU) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148 of the Council
18. Commission Delegated Regulation (EU) 2020/217 (XIV et al. CLP)
19. Commission Delegated Regulation (EU) 2020/1182 (XV Atp. CLP)
20. Commission Delegated Regulation (EU) 2021/643 (XVI Atp. CLP)
21. Commission Delegated Regulation (EU) 2021/849 (XVII Atp. CLP)
22. Commission Delegated Regulation (EU) 2022/692 (XVIII Atp. CLP)

- The Merck Index. - 10th Edition

SECTION 16. Learn more ... / >>

- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- Website: IFA GESTIS
- Website: ECHA Agenzia
- Database of Model Safety Data Sheets (SDS) 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 as of the date of the last version. The user must check the appropriateness and completeness of the information relating to the specific use of the product.

Do not consider this document as a guarantee of the specific characteristics of the product.
As the use of the product does not fall under our direct control, the user is responsible for complying with applicable laws and regulations regarding occupational health and safety. We are not responsible for improper use.
Provide workers who work with chemicals with the necessary knowledge.

CALCULATION METHODS FOR CLASSIFICATION
Chemical and physical hazards: The classification of the product is based on the criteria set out in CLP, Annex I, Part 2. The data required for the evaluation of the chemical-physical properties are given in Section 9.
Health hazards: The classification of the product is based on the calculation methods according to CLP, Annex I, Part 3, unless otherwise specified in Section 11.
Environmental hazards: Product classification is based on calculation methods according to CLP, Annex I, Part 4, unless otherwise specified in Section 12.

Changes from previous revision: Changes have been made to the following sections: 02 / 03 / 11 / 16 / Exposure scenarios.