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SECTION 1. Identification 1.1. Product identifier Product name Chemical name and synonym 1.2. Relevant identified uses of the	rding to Annex II to REACH - Regu of the substance/mixtu ASCOR PRN PACK AC15 substance or mixture and uses descaler. afety data sheet Murotti Angelo Via Caduti di S	advised against srl abbiuno, 69 zano- VALSAMOGGIA (BO)	UK REACH
e-mail address of the competent per responsible for the Safety Data Shee	Fax 051 832956		
1.4. Emergency telephone number For urgent inquiries refer to	Roma " Osp. Pediatrico DEA tel Foggia Az. (Napoli Az. C Roma CAV F Roma CAV F Firenze Az. O Pavia CAV (Milano Osp. 1 BergamoAz. O	9 Bambino Gesù" 06 68593726 0sp. Univ. Foggia 1sp. "A. Cardarelli" Policlinico "Umberto I" Policlinico "A. Gemelli" sp. "Careggi" U.O. Toss. Medica 2.Naz. Inf. Tossicologica Niguarda Ca' Granda sp. Papa Giovanni XXII spedaliera Integrata Verona	tel 800183459 tel 081-5453333 tel 06-49978000 tel 06-3054343 tel 055-7947819 tel 0382-24444 tel 02-66101029 tel 800883300 tel 800011858
SECTION 2 Hazarda ida	tification		
SECTION 2. Hazards ide	uncation		
2.1. Classification of the substance	or mixture		
supplements). The product thus requir Any additional information concerning	es a safety datasheet that complies	with the provisions of (EU) Regula	
Hazard classification and indication: Acute toxicity, category 3	H331	Toxic if inhaled.	
Acute toxicity, category 3 Acute toxicity, category 4	H302	Harmful if swallowe	
Skin corrosion, category 1A	H314		n burns and eye damage.

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Serious eye damage, category	H318 Causes serious eye damag	je.
2.2. Label elements		
Hazard labelling pursuant to EC F	egulation 1272/2008 (CLP) and subsequent amendments and supplements.	
Hazard pictograms:		
Signal words: Dang	er	
Hazard statements:		
	if inhaled.	
	ful if swallowed. es severe skin burns and eye damage.	
	sive to the respiratory tract.	
Precautionary statements:		
P305+P351+P338 IF IN rinsir	ot breathe dust / fume / gas / mist / vapours / spray. EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if g.	
	SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with w	ater [or shower].
	protective gloves/ protective clothing / eye protection / face protection. diately call a POISON CENTER / doctor /	
	in a well-ventilated place. Keep container tightly closed.	
	IC ACID SPHORIC ACID	
2.3. Other hazards		
On the basis of available data, the	product does not contain any PBT or vPvB in percentage \geq than 0,1%.	
	tances with endocrine disrupting properties in concentration $\geq 0.1\%$.	
SECTION 3. Compositi	ion/information on ingredients	
Contains:		
Identification	x = Conc. % Classification (EC) 1272/2008 (CLP)	
1		

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NITRIC ACID			
INDEX 007-030-00-3	20 ≤ x < 40	Ox. Liq. 3 H272, Met. Corr. 1 H290, Acute Tox. Eye Dam. 1 H318, EUH071, Classification note CLP Regulation: B	· · · · ·
EC 231-714-2		Ox. Liq. 3 H272: ≥ 65%, Skin Corr. 1A H314: ≥ 5%, Skin Irrit. 2 H315: ≥ 1%, Eye Dam. 1 H318	
CAS 7697-37-2		LC50 Inhalation vapours: 2,65 mg/l/4h	. = 0,0, _ ,0 <u>_</u> <u>_</u>
REACH Reg. 01-2119487297-23			
PHOSPHORIC ACID			
INDEX 015-011-00-6	20 ≤ x < 25	Met. Corr. 1 H290, Acute Tox. 4 H302, Skin Co H318, Classification note according to Annex V	
EC 231-633-2		Skin Corr. 1B H314: ≥ 25%, Skin Irrit. 2 H315: ≥ 25%, Eve Irrit. 2 H319: ≥ 10%	
CAS 7664-38-2		LD50 Oral: >300 mg/kg	
REACH Reg. 01-2119485924-24			

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

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

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

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

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

Information not available

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.

5.3. Advice for firefighters

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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

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. 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

Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.

ATTENTION: do not pour into containers other than the original; risk of fatal errors of exchange with drinks.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

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8.1. Control parameters

Regulatory References:

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
ESP	España	Límites de exposición profesional para agentes químicos en España 2021
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition 2020)
EU	OEL EU	Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983;
		Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive
		2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.
	TLV-ACGIH	ACGIH 2021

NITRIC ACID

Туре	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU			2,6	1	
VLA	ESP			2,6	1	
VLEP	FRA			2,6	1	
VLEP	ITA			2,6	1	
WEL	GBR			2,6	1	
OEL	EU			2,6	1	
TLV-ACGIH		5,2	2	10,3	4	
Health - Derived no	-effect level - DNEL / Effects on consumers	DMEL			Effects on workers	

	consumers				workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation							1,3 mg/mc	VND

PHOSPHORIC ACID

Threshold Limit Va Type	Country	TWA/8h		STEL/15min		Remarks /	
1300	oountry	100,001				Observations	
		mg/m3	ppm	mg/m3	ppm		
AGW	DEU	2		4 (C)		INHAL	
MAK	DEU	2		4		INHAL	
VLA	ESP	1		2			
VLEP	FRA	1	0,2	2	0,5		
VLEP	ITA	1		2			
WEL	GBR	1		2			
OEL	EU	1		2			
TLV-ACGIH		1		3			
Predicted no-effect co	ncentration - PNEC						
Normal value in fresh	water			NPI			
Normal value in marine	e water			NPI			
Normal value for fresh	water sediment			NPI			

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	Ŀ							
Normal value for marine wa	ter sediment			NPI				
Normal value for water, inte	rmittent release			NPI				
Normal value of STP microo	organisms			NPI				
Normal value for the food cl	nain (secondary poisor	ning)		NPI				
Normal value for the terrest	rial compartment			NPI				
Normal value for the atmos	ohere			NPI				
Health - Derived no-eff	ect level - DNEL / [OMEL						
	Effects on				Effects on			
	consumers	<u> </u>	<u> </u>		workers	<u> </u>		
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic
Oral				systemic 0,1 mg/kg		systemic		systemic
				bw/d				

Inhalation

Legend:

(C) = CEILING : 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.

4,57 mg/m3

2 mg/m3

10,7 mg/m3

1 ma/m3

0,36 mg/m3

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

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

SKIN PROTECTION

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

EYE PROTECTION

Wear a hood visor or protective visor combined with airtight goggles (see standard EN 166).

In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption.

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type B filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with

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standard EN 138). For a correct choice of r	espiratory protection device, s	ee standard EN 529.	
vith environmental standards.	ng processes, including those	generated by ventilation equipment, shou	ld be checked to ensure complian
SECTION 9. Physical and ch 9.1. Information on basic physical and	chemical properties		
Properties Appearance	Value liquid	Information	
Colour	colourless		
Odour	typical		
Melting point / freezing point	not available		
Initial boiling point	not available		
Flammability	not available		
Lower explosive limit	not available		
Upper explosive limit	not available		
	not available		
Flash point	not available		
Auto-ignition temperature Decomposition temperature	not available		
pH	1,83	Remark:Soluzione 1%	
Kinematic viscosity	not available	Remark.Soluzione 1%	
Solubility	soluble in water		
Partition coefficient: n-octanol/water	not available		
Vapour pressure	not available		
Density and/or relative density	1,30		
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			
Information not available			
SECTION 10. Stability and re	eactivity		
0.1. Reactivity			
IITRIC ACID			
Decomposes at 84°C/183°F.Possibility of s	elf-ignition.		
, <u> </u>	J		

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PHOSPHORIC ACID		
Decomposes at temperatures above 2	200°C/392°F.	
10.2. Chemical stability		
Information not available		
10.3. Possibility of hazardous react	tions	
The product may react violently with v	vater.	
PHOSPHORIC ACID		
Risk of explosion on contact with: nitro	omethane.May react dangerously with: alkalis,sodium borohydride.	
10.4. Conditions to avoid		
Avoid overheating. Prevent moisture o	or water from penetrating inside the containers.	
NITRIC ACID		
Avoid exposure to: heat,light.		
10.5. Incompatible materials		
NITRIC ACID		
Incompatible with: flammable subs materials: plastic materials.	tances,reducing substances,alcohol,metals,basic substances,acetone,acet	c acid,acetic anhydride.Incompatible
PHOSPHORIC ACID		
Incompatible with: metals,strong alkal	lis,aldehydes,organic sulphides,peroxides.	
10.6. Hazardous decomposition pro	oducts	
NITRIC ACID		
May develop: nitric oxide.		
PHOSPHORIC ACID		
May develop: phosphoryl oxides.		
SECTION 11. Toxicologi	cal 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.

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It is therefore necessary to take into a effects of exposure to the product.	ccount the concentration (of the individual hazardous substances indicated in s	ection 3, to evaluate the toxicological
11.1. Information on hazard classes	as defined in Regulatio	n (EC) No 1272/2008	
Metabolism, toxicokinetics, mechanisr	n of action and other infor	nation	
Information not available			
Information on likely routes of exposur	<u>e</u>		
Information not available			
Delayed and immediate effects as wel	l as chronic effects from s	hort and long-term exposure	
Information not available			
Information not available			
Interactive effects			
Information not available			
ACUTE TOXICITY			
Corrosive to the respiratory tract.			
Conosive to the respiratory tract.			
ATE (Inhalation - vapours) of the mix	xture:	6,63 mg/l	
ATE (Oral) of the mixture: ATE (Dermal) of the mixture:		1200,40 mg/kg Not classified (no significant component)	
NITRIC ACID			
LC50 (Inhalation vapours):		2,65 mg/l/4h Rat	
PHOSPHORIC ACID			
LD50 (Dermal):		2740 mg/kg Rabbit	
LD50 (Oral):		> 300 mg/kg Rat (OECD 423)	
SKIN CORROSION / IRRITATION			
Corrosive for the skin			

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Classification according to the experim	nental Ph value	
SERIOUS EYE DAMAGE / IRRITATIO	<u>DN</u>	
Causes serious eye damage		
RESPIRATORY OR SKIN SENSITISA	TION	
Does not meet the classification criteri	a for this hazard class	
GERM CELL MUTAGENICITY		
Does not meet the classification criteri	a for this hazard class	
CARCINOGENICITY		
Does not meet the classification criteri	a for this hazard class	
REPRODUCTIVE TOXICITY		
Does not meet the classification criteri	a for this hazard class	
STOT - SINGLE EXPOSURE		
Does not meet the classification criteri	a for this hazard class	
STOT - REPEATED EXPOSURE		
Does not meet the classification criteri	a for this hazard class	
ASPIRATION HAZARD		



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Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

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

> 75 mg/l/96h

12.1. Toxicity

PHOSPHORIC ACID

LC50 - for Fish

12.2. Persistence and degradability

NITRIC ACID	
Solubility in water	> 1000000 mg/l
Degradability: information not available	
PHOSPHORIC ACID	
Solubility in water	> 850000 mg/l
Degradability: information not available	

12.3. Bioaccumulative potential

NITRIC ACID	
Partition coefficient: n-octanol/water	< 3

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

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SECTION 13. Di	anagal aar	aidarationa			
SECTION 13. DI	spusai cui	ISIUEIALIOIIS			
13.1. Waste treatment n	nethods				
Reuse, when possible. F	Product residue	s should be considered special	hazardous waste. The ha	azard level of wast	e containing this product should be
evaluated according to a	oplicable regula	tions.			
Disposal must be perform Waste transportation may	ned through an y be subject to <i>i</i>	authorised waste management ADR restrictions.	firm, in compliance with nat	tional and local reg	julations.
CONTAMINATED PACK	AGING				
Contaminated packaging	must be recove	ered or disposed of in compliand	ce with national waste mana	agement regulation	IS.
SECTION 14. Tr	ansport in	formation			
14.1. UN number or ID r	number				
ADR / RID, IMDG, IATA	A:	3264			
14.2. UN proper shippin	ig name				
		IQUID, ACIDIC, INORGANIC, N			
		IQUID, ACIDIC, INORGANIC, N			
IATA:	CORROSIVE L	IQUID, ACIDIC, INORGANIC, N	1.O.S. MIXTURE		
14.3. Transport hazard	class(es)				
ADR / RID:	Class: 8	Label: 8	35 34		
			8		
IMDG:	Class: 8	Label: 8	J. J.		
IATA:	Class: 8	Label: 8			
			V		
14.4. Packing group					
ADR / RID, IMDG, IATA	A:	II			
14.5. Environmental haz	zards				
ADR / RID:	NO				
	NO				
IATA:	NO				
14.6. Special precautior	ns for user				
				l inside el	Turnel
ADR / RID:		HIN - Kemler: -		Limited Quantities: 1lt	Tunnel restriction

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	On acial proviniano 074		code: E
MDC	Special provision: 274	l insite d	
IMDG:	EMS: F-A, S-B	Limited Quantities: 1lt	
IATA:	Cargo:	Maximum quantity: -	Packaging instructions: -
	Pass.:	Maximum	Packaging
	Special provision:	quantity: - -	instructions: -
14.7. Maritime transport in bulk acco	ording to IMO instruments		
Information not relevant			
SECTION 15. Regulatory	information		
15.1. Safety, health and environme	ental regulations/legislation specific for the s	ubstance or mixture	
Seveso Category - Directive 2012/18/E	EU: H2		
Restrictions relating to the product or c	contained substances pursuant to Annex XVII to	EC Regulation 1907/2006	
Product Point	3		
Contained substance			
Point	75		
Regulation (EU) 2019/1148 - on the m	arketing and use of explosives precursors		
out in Article 5(1) and (3). Restricted e public. The acquisition, introduction, posses obligations as set out in Article 9.	on or use of that restricted explosives precursor explosives precursors shall not be made availabl sion or use of that regulated explosives prec ant disappearances and thefts must be reported	e to, or introduced, possessed ursor by members of the ge	l or used by members of the general neral public is subject to reporting
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 repo	orting pursuant to Regulation (EU) 649/2012:		
None			
Substances subject to the Rotterdam (Convention:		

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None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

1

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:

Ox. Liq. 3	Oxidising liquid, category 3	
Met. Corr. 1	Substance or mixture corrosive to metals, category	
Acute Tox. 3	Acute toxicity, category 3	
Acute Tox. 4	Acute toxicity, category 4	
Skin Corr. 1A	Skin corrosion, category 1A	
Skin Corr. 1B	Skin corrosion, category 1B	
Eye Dam. 1	Serious eye damage, category 1	
H272	May intensify fire; oxidiser.	
H290	May be corrosive to metals.	
H331	Toxic if inhaled.	
H302	Harmful if swallowed.	
H314	Causes severe skin burns and eye damage.	
H318	Causes serious eye damage.	
EUH071	Corrosive to the respiratory tract.	

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%

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- LD50: Lethal dose 50%		
 OEL: Occupational Exposure Level PBT: Persistent bioaccumulative and 	toxic as REACH Regulation	
- PEC: Predicted environmental Conce	8	
 PEL: Predicted exposure level PNEC: Predicted no effect concentral 	tion	
- REACH: Regulation (EC) 1907/2006		
 RID: Regulation concerning the interi - TLV: Threshold Limit Value 	national transport of dangerous goods by train	
- TLV CEILING: Concentration that sh	ould not be exceeded during any time of occupational exposure.	
 TWA: Time-weighted average expos TWA STEL: Short-term exposure lim 		
- VOC: Volatile organic Compounds		
 vPvB: Very Persistent and very Bioad WGK: Water hazard classes (Germa) 	ccumulative as for REACH Regulation	
GENERAL BIBLIOGRAPHY		
1. Regulation (EC) 1907/2006 (REACH 2. Regulation (EC) 1272/2008 (CLP) of		
3. Regulation (EU) 2020/878 (II Annex	of REACH Regulation)	
4. Regulation (EC) 790/2009 (I Atp. Cl 5. Regulation (EU) 286/2011 (II Atp. C		
6. Regulation (EU) 618/2012 (III Atp. 0	CLP) of the European Parliament	
7. Regulation (EU) 487/2013 (IV Atp. 0 8. Regulation (EU) 944/2013 (V Atp. 0		
9. Regulation (EU) 605/2014 (VI Atp. (CLP) of the European Parliament	
10. Regulation (EU) 2015/1221 (VII At 11. Regulation (EU) 2016/918 (VIII At		
12. Regulation (EU) 2016/1179 (IX Att	D. CLP)	
13. Regulation (EU) 2017/776 (X Atp. 14. Regulation (EU) 2018/669 (XI Atp.		
15. Regulation (EU) 2019/521 (XII Atp	. CLP)	
16. Delegated Regulation (UE) 2018/1 17. Regulation (EU) 2019/1148	480 (XIII Atp. CLP)	
18. Delegated Regulation (UE) 2020/2	17 (XIV Atp. CLP)	
19. Delegated Regulation (UE) 2020/1 20. Delegated Regulation (UE) 2021/6		
21. Delegated Regulation (UE) 2021/8	49 (XVII Atp. CLP)	
22. Delegated Regulation (UE) 2022/6 - The Merck Index 10th Edition	92 (XVIII Atp. CLP)	
- Handling Chemical Safety		
 INRS - Fiche Toxicologique (toxicolo - Patty - Industrial Hygiene and Toxico 		
- N.I. Sax - Dangerous properties of In		
- IFA GESTIS website - ECHA website		
	als - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy	
Note for users: The information contained in the pres	sent 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 a	as a guarantee on any specific product property.	

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products. CALCULATION METHODS FOR CLASSIFICATION Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9. Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11. Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

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. Changes to previous review: The following sections were modified: 02 / 03 / 04 / 05 / 08 / 09 / 10 / 11 / 12 / 14 / 15 / 16.