

## Safety Data Sheet


### Section 1. Identification of substance or mixture and company/enterprise

1.1	<b>Identification</b>	
	Code	ESS20012017AME
	Name	Olè RESSENZA AMETHYST
	Description	Super-concentrated watery mixture of natural and synthetic substances with polyvalent function.
1.2	<b>Recommended use and restrictions on use</b>	
	Use	<b>Professional use only.</b> To be used for detergency, sanitation, deodorization, fragrance giving and dust removal from environments and surfaces. <b>Usage:</b> 1 spray (1 ml) of product in 1 l of water to clean and deodorize any washable surface; 1 spray into drains to neutralize unpleasant odours; sprayed one time on a cloth to dust furniture and frequently used objects.
		<b>RESTRICTIONS ON USE:</b> DO NOT directly spray it in the environment, but vaporize it from a distance of 20 cm on a surface/tissue/water container to minimize the possible insurgence of respiratory allergic reactions. DO NOT breath the vapour or the aerosol of pure product. It is recommended NOT to use the product for purposes other than those provided.
1.3	<b>Supplier</b>	
	Name	RUBINO CHEM S.r.l.
	Address	Via Vigili del Fuoco Caduti in Servizio, 14/s INT.4
	Location	70026 Modugno
		Tel. 080 5035348
		Fax (-39) 080 5008545
	e-mail of the competent person, responsible for the safety data sheet	customerservice@rubinochem.it
	Manufacturer	RUBINO CHEM S.r.l.
1.4	<b>Emergency telephone number</b>	
	For urgent information, please contact:	United Kingdom: <b>NHS 111 service if you urgently need medical help or advice but it's not a life-threatening situation. For immediate, life-threatening emergencies, continue to call 999.</b>

### SECTION 2. Identifying hazards

2.1	<b>Classification of substance or mixture</b>	
		The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.
	<u>Classification and warning indications</u>	

Skin sensitization, category 1.	H317	It can cause an allergic skin reaction.
Dangerous for the aquatic environment, chronic toxicity, category 3.	H412	Harmful for aquatic organisms with long-lasting effects.

<b>2.2 Label elements</b>		
Danger labelling under Regulation (EC) 1272/2008 (CLP) and subsequent changes and adjustments		
Pictograms:		
Signal word:	Warning	
Indications of danger:		
	<b>H317</b>	It can cause an allergic skin reaction.
	<b>H412</b>	Harmful for aquatic organisms with long-lasting effects.
	<b>EUH208</b>	Contains: Benzyl Salicylate, Linalool, Limonene, Hexyl Cinnamaldehyde, Alpha Isomethyl Ionone, Citronellol, Coumarin, Tetramethyl Acetyloctahydronaphthalenes. <b>It can cause an allergic reaction.</b>

Cautionary tips:		
	<b>P102</b>	Keep out of the reach of children.
	<b>P261</b>	Avoid breathing vapours and aerosols.
	<b>P280</b>	Wear protective gloves.
	<b>P302-P352</b>	IF ON SKIN: Wash with plenty of water.
	<b>P333-P313-P312</b>	May be harmful in contact with skin or if inhaled. If skin irritation or rash occurs: Get medical advice/attention.
	<b>P362-P364</b>	Remove the contaminated clothing and wash it before wearing them again.
	<b>P501</b>	Disposal of the product/recipient in accordance with national regulations.

<b>2.3 Other dangers</b>		
Based on the available data, the product does not contain PBT or vPvB substances in greater percentage than 0.1%.		

### SECTION 3. Composition/ingredient information

<b>3.1 Substances</b>		
Information not relevant. The product is a mixture of substances.		
<b>3.2 Mixtures</b>		
<b>Contains:</b>		
<b>Identification</b>	<b>Concentration (%)</b>	<b>Classification EC 1272/2008 (CLP)</b>
<b>1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLCYCLOPENTAGAMMA-2-BENZOPYRAN</b>	0,1– 0,5	Aquatic Acute 1 H400 M&1, Aquatic Chronic 1 H410
Cas 1222-05-5		
Ec 214-946-9		
<b>Benzyl Salicylate</b>	0,1– 0,5	Skin Sens. 1 H317, Eye Irrit. 2 H319 Aquatic Chronic 2 H411
Cas 118-58-1		
Ec 204-262-9		

	<b>Quaternary ammonium compounds, benzyl-C12-14 (even-numbered)-alkyldimethyl, chlorides</b> CAS 68424-85-1 CE 207-325-2	0,25 – 0,5	Acute Tox. 4 H302, Skin Corr. 1B H314, Aquatic Acute 1 H400 M=1 Aquatic Chronic 1 H410
	<b>Linalool</b> Cas 78-70-6 Ec 201-134-4	0,1 - 0,5	Skin Irrit. 2 H315, Skin Sens. 1 H317, Eye Irrit. 2 H319,
	<b>Reaction Mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one</b> CAS / CE 915-730-3	0,1 – 0,2	Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 1 H410
	<b>ALDEIDE ALFA-ESILCINNAMICA</b> CAS 101-86-0 CE 202-983-3	0,1 – 0,2	Skin Sens. 1 H317, Aquatic Chronic 1 H411 Aquatic Acute 1 H400
	<b>METHYL IONONE GAMMA</b> CAS 1335-46-2 CE 215-635-0	0,1-0,2	Aquatic Chronic 2 H411 Skin Sens. 1 H317 Eye Irritation 2 H319
	<b>Citronellolo</b> CAS 106-22-9 CE 203-375-0	<0,1	Skin Irrit. 2 H315 Eye Irritation 2 H319 Skin Sens. 1 H317
	<b>Cumarina</b> CAS 91-64-5 CE 202-086-7	<0,1	Skin Sens. 1 H317 Aquatic Chronic 3 H412 Acute Tox.4 H302

Note: The higher value of the excluded range.  
 The full text of the hazard indications (H) is shown in section 16 of the

## SECTION 4. First aid measures

4.1	<b>Description of first aid measures</b>	
	<b>Eyes</b>	Remove contact lenses. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids. If problem persists, seek medical advice.
	<b>Skin</b>	Remove contaminated clothing. Wash skin with soap and plenty of water. Get medical attention if symptoms occur. Wash clothing before reuse.
	<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration and seek medical attention immediately. Oxygen should only be administered by trained personnel.
	<b>Ingestion</b>	If swallowed, call a physician immediately. ONLY induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

4.2	<p><b>Main symptoms and effects (acute and delayed)</b></p> <p>Possibility of allergic reactions resulting in breathing difficulties and/or skin rushes.</p> <p>There are no known episodes of health damages attributable to the mixture. For symptoms caused by the contained substances, see Chapter 11.</p>
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4.3	<p><b>Indication in case of emergency of medical and special treatments</b></p> <p>Information not available.</p>
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**SECTION 5. Firefighting measures**

5.1	<p><b>Extinguishing media</b></p> <table border="1" style="width: 100%;"> <tr> <td style="width: 25%;">SUITABLE EXTINGUISHING EQUIPMENT</td> <td>Carbon dioxide, chemical dust, sprayed water.</td> </tr> <tr> <td>UNSUITABLE EXTINGUISHING EQUIPMENT</td> <td>Do not use jets of water. Water is not effective for extinguishing fires however it can be used to cool containers exposed to flames to prevent explosions.</td> </tr> </table>	SUITABLE EXTINGUISHING EQUIPMENT	Carbon dioxide, chemical dust, sprayed water.	UNSUITABLE EXTINGUISHING EQUIPMENT	Do not use jets of water. Water is not effective for extinguishing fires however it can be used to cool containers exposed to flames to prevent explosions.
SUITABLE EXTINGUISHING EQUIPMENT	Carbon dioxide, chemical dust, sprayed water.				
UNSUITABLE EXTINGUISHING EQUIPMENT	Do not use jets of water. Water is not effective for extinguishing fires however it can be used to cool containers exposed to flames to prevent explosions.				

5.2	<p><b>Special hazards from the substance or mixture</b></p> <p>FIRE EXPOSURE HAZARDS</p> <p>Avoid breathing in combustion products.</p>
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5.3	<p><b>Advice for firefighters</b></p> <p>GENERAL INFORMATION</p> <p>In the case of a fire, use jets of water to immediately cool containers to prevent the risk of explosions (product decomposition and excess pressure) and the development of potentially hazardous substances. Always wear complete fire protection equipment. Move container from fire area if you can do it without risk.</p> <p>Equipment</p> <p>Normal firefighting 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).</p>
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**SECTION 6. Accidental release measures**

6.1	<p><b>Personal precautions, protective equipment and emergency procedures</b></p> <p>Block the leakage if there is no hazard.</p> <p>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.</p>
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6.2	<p><b>Environmental precautions</b></p> <p>The product must not penetrate into the sewer system or come into contact with surface water or ground water.</p>
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6.3	<p><b>Methods and materials for containment and remediation</b></p> <p>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.</p> <p>Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p>
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6.4	<p><b>Reference to other sections</b></p> <p>Any information regarding individual protection and disposal is reported in sections 8 and 13.</p>
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**Section 7. Safe handling and storage**

7.1	<p><b>Precautions for safe handling</b></p> <p>Keep away from heat sources; do not smoke or use matches or lighters. Avoid product dispersion in the environment. Wear gloves/protective clothing/Protect your eyes/face.</p>
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7.2	<p><b>Conditions for safe storage, including possible incompatibilities</b></p> <p>Store only in the original container. Store in a cool and well-ventilated place, away from heat sources and direct exposure to the sunrays. Keep containers away from any incompatible materials as mentioned in section 10.</p>
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7.3	<p><b>Special end uses</b></p> <p>Information not available.</p>
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**SECTION 8. Exposure control/individual protection**

8.1	<p><b>Control parameters</b></p> <p>Information not available.</p>
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8.2	<p><b>Exposure controls</b></p> <p>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.</p> <p><b>PROTECT HANDS</b>          Use protective gloves when handling the pure product.</p> <p><b>SKIN PROTECTION</b>          Wear clothing that ensures total skin protection.</p> <p><b>RESPIRATORY PROTECTION</b>          Not required for normal use of the product.</p> <p><b>EYE PROTECTION</b>          Protect your eyes/face.</p> <p><b>ENVIRONMENTAL EXPOSURE CONTROLS</b>          Product residues should not be discharged unchecked into wastewater or waterways.</p>
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**SECTION 9. Physical and chemical properties**

9.1	<p><b>About fundamental physical and chemical properties</b></p>	
	Appearance	WHITE LIQUID
	Odour	SCENTS
	Odour threshold	No
	Ph	6.6-0.1
	Melting or freezing point	Not available
	Initial boiling point or Boiling range	100.5 plus 0.5 (C)
	Flash point	> 60 degrees Celsius
	Evaporation rate	Not available
	Flammability (solids, gases)	Not relevant
	Upper/lower flammability or explosive limits	Not relevant
	Vapour pressure	Not available
	Vapour density	Not available
	Relative density (at 20 degrees Celsius)	1.003 - 0.001
	Solubility	High in the water
	Partition coefficient: n-octanol/water	Not available for the mixture. For substance data, see sez. 12.3
	Auto-ignition temperature	Not relevant
	Decomposition temperature	Not relevant
	Viscosity	1.8 th 0.1
	Explosive properties	Not relevant
	Oxidizing properties	Not relevant

	<b>More information</b>	
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9.2	VOC (Directive 1999/13/CE)	0.07 plus 0.02 (g COV/g sample) (equal to: 7% - 2%)
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**Section 10. Stability and responsiveness**

10.1	<b>Reactivity</b>	There is no particular danger of reacting with other substances under normal conditions of use.
10.2	<b>Chemical stability</b>	The product is stable under normal conditions of use and storage.
10.3	<b>Possible dangerous reactions</b>	In normal use and storage conditions, dangerous reactions are not foreseeable.
10.4	<b>Conditions to avoid</b>	None in particular. However, stick to the usual caution towards chemicals.
10.5	<b>Incompatible materials</b>	Information not available.
10.6	<b>Dangerous decomposition products</b>	Information not available.

**SECTION 11. Toxicological information**

11.1	<b>About toxicology effects</b>	<p>In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.</p> <p>The contact of the product with the skin could cause sensitization (contact dermatitis). Dermatitis originates following an inflammation of the skin, which starts in the skin areas that come into repeated contact with the sensitizing agent. The skin lesions may include erythema, edema, papules, vesicles, pustules, scales, fissures and exudative phenomena, which vary according to the phases of the disease and the affected areas. In the acute phase erythema, edema and exudation prevail. In chronic phases, scales, dryness, fissuring and thickening of the skin prevail.</p> <p>The product contains sensitizing substance (s) and therefore may cause an allergic reaction.</p>
	Toxicological information about component substances:	
	Substance:	<b>P-T-BUT-CICLOHEXYL ACETATE</b>
	LD50 (Oral)	3370 mg/kg Rat
	LD50 (Cutaneous)	> 4680 mg/kg rabbit
	Substance:	<b>ETANONE, 1,2,3,4,5,6,7,7,8-OCTAIDRO-2,3,8,8-TETRAMETIL-2-NAFTALENE</b>
	LD50 (Oral)	> 5000 mg/kg Rat
	LD50 (Cutaneous)	> 5000 mg/kg Rabbit
	Substance:	<b>ALDEIDE ALFA-AMILCINNAMICA</b>
	LD50 (Cutaneous)	>3000 mg/Kg Rabbit
	LD50 (Oral)	3100 mg/kg Rat
	Substance:	<b>1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8-HEXAMETHILCYCLOPENTA-GAMMA-2-BENZOPYRAN</b>
	LD50 (Oral)	>3000 mg/kg Rat
	LD50 (Cutaneous)	> 6500 mg/kg Rat
	LD50 (Inhalation)	>3000 mg/kg Rat

**Section 12. Ecological information**

This product is dangerous for the environment and aquatic organisms with long-term negative effects on the aquatic environment.

**12.1 Toxicity**

1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8-HEXAMETHYLCYCLOPENTA-GAMMA-2-BENZOPYRAN	LC50	Fish	0,47 mg/l/96h	Macrochirus lepomis
	EC50	Crustaceans	0,3 mg/l/48h	Daphnia magna
P-T-BUT-CICLOHEXYL ACETATE	LC50	Fish	8.6 mg/l/96h	Cyprinus Carpio
	EC50	Crustaceans	5.3 mg/l/48h	Daphnia magna
	EC50	Fish	22 mg/l/72h	Desmodesmus subspicatus
	Noec	Fish	6.8 mg/l/72h	Desmodesmus subspicatus

**12.2 Persistence and degradability**

Information not available.

**12.3 Bioaccumulative potential**

1,3,4,6,7,8-Hexahydro-4,6,6,7,8-hexamethylcyclopenta-gamma-2-benzopyran	Distribution coefficient n-octanol/water: 2
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**12.4 Mobility in the soil**

Information not available

**12.5 Results of PBT and vPvB assessments**

On the basis of available data, the product does not contain any PBT or vPvB in a greater percentage than 0,1%

**12.6 Other adverse effects**

Information not available

**SECTION 13. Disposal considerations**
**13.1 Waste treatment methods**

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

CONTAMINATED PACKAGING	Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.
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**Section 14. Transport information**
**14.1 UN number.**

Not applicable.

**14.2 UN shipping name.**

Not applicable.

**14.3 Transport hazard class**

Not applicable.

**14.4 Packing group.**

Not applicable.

**14.5 Environmental hazards.**

Not applicable.

**14.6 Special precautions for users.**



	Not applicable.
14.7	<b>Bulk transport according to MARPOL 73/78 and IBC code 73/78.</b> Information not relevant

**Section 15. Regulatory information**

15.1	<b>Substance or mix-specific health, safety and environmental rules and legislation</b>	
	Seveso Category	No
	Restrictions on the product or substances contained under Annex 17 Regulation (EC) 1907/2006	product: Step 3
	Substances in Candidate List (Art. 59 REACH)	No
	Substances subject to authorization (Exhibit XIV REACH)	No
	Substances subject to export notification duty Reg. (CE) 649/2012	No
	Substances subject to the Rotterdam Convention	No
	Substances subject to the Stockholm Convention	No
	Health checks	Workers exposed to this chemical agent should not undergo health checks, if available risk-assessments state the low incurrence of health and safety risks and that the 98/24/EC directive is respected.
	Ingredients compliant with EC Regulation No.648/2004	Between 1% and 5% non-ionic and cationic surfactants; between 5% and 15% <u>Perfumes:</u> Benzyl Salicylate, Linalool, Limonene, Hexyl Cinnamaldehyde, Alpha Isomethyl Ionone, Citronellol, Coumarin. <u>Preservatives:</u> Methylchloroisothiazolinone And Methylisothiazolinone (CAS 55965-84-9). The tensioactive(s) contained in this formulation is (are) compliant with the biodegradability criteria set out in Regulation (EC) 648/2004 for detergents.

15.2	<b>Chemical safety assessment</b> A chemical safety assessment has not been prepared for the mixture and the substances it contains.
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**Section 16. More information**

	Text of the hazard indications (H) mentioned in sections 2-3 of the sheet	
	<b>Flam.Liq River. 3</b>	Flammable liquid, category 3
	<b>Acute Tox. 4</b>	Acute toxicity, category 4
	<b>Asp. Tox, Tox. 1</b>	Danger in case of suction, category 1
	<b>Eye Irrit. 2</b>	Eye irritation, category 2
	<b>Skin Irrit. 2</b>	Skin irritation, category 2
	<b>Skin Sens. 1</b>	Skin sensitization, category 1
	<b>Aquatic Acute 1</b>	Dangerous for the aquatic environment, acute toxicity, category 1
	<b>Aquatic Chronic 1</b>	Dangerous to the aquatic environment, chronic toxicity, category 1
	<b>Aquatic Chronic 2</b>	Dangerous for the aquatic environment, chronic toxicity, category 2
	<b>Aquatic Chronic 3</b>	Dangerous to the aquatic environment, chronic toxicity, category 3
	<b>H226</b>	Flammable liquid and vapours.
	<b>H302</b>	Harmful if ingested.
	<b>H304</b>	It can be lethal in case of ingestion and penetration into the airways.
	<b>H319</b>	Causes severe eye irritation.
	<b>H315</b>	Causes skin irritation.
	<b>H317</b>	It can cause an allergic skin reaction.
	<b>H400</b>	Very toxic for aquatic organisms.
	<b>H410</b>	Very toxic for aquatic organisms with long-lasting effects.



<b>H411</b>	Toxic for aquatic organisms with long-lasting effects.
<b>H412</b>	Harmful for aquatic organisms with long-lasting effects.

Legend:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 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 NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY:

1.	Regulation (EU) 1907/2006 (REACH) of the European Parliament
2.	Regulation (EU) 1272/2008 (CLP) of the European Parliament
3.	Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
4.	Regulation (EU) 453/2010 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.	The Merck Index. - 10th Edition
11.	Handling Chemical Safety
12.	INRS - Fiche Toxicologique (toxicological sheet)
13.	Patty - Industrial Hygiene and Toxicology
14.	N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition

15.	ECHA website
<b>Note to the user:</b> The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.	
<b>Changes from the previous revision:</b> Changes have been made to the following sections: all sections.	