

Safety Data Sheet


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

1.1	Identification	
	Code	ESS16112003LIL
	Name	Olè RESSENZA LILLA
	Description	Super-concentrated watery mixture of natural and synthetic substances with polyvalent function.
1.2	Recommended use and restrictions on use	
	Use	Professional use only. To be used for detergency, sanitation, deodorization, fragrance giving and dust removal from environments and surfaces. Usage: 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.
		RESTRICTIONS ON USE: 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	Supplier	
	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	Emergency telephone number	
	For urgent information, please contact:	United Kingdom: 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.

SECTION 2. Identifying hazards

2.1	Classification of substance or mixture	
		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.

2.2 Label elements		
Danger labelling under Regulation (EC) 1272/2008 (CLP) and subsequent changes and adjustments		
Pictograms:		
Signal word:	Warning	
Indications of danger:		
	H317	It can cause an allergic skin reaction.
	H412	Harmful for aquatic organisms with long-lasting effects.
	EUH208	Contains: Hexyl Cinnamal, Coumarin, Linalool, Citronellol, Geraniol, Farnesol, Eugenol, Limonene, Tetramethyl Acetyloctahydronaphthalenes, Terpinolene. It can cause an allergic reaction.

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

2.3 Other dangers
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

3.1 Substances
Information not relevant. The product is a mixture of substances.

3.2 Mixtures												
Contains:												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Identification</th> <th style="width: 30%;">Concentration (%)</th> <th style="width: 40%;">Classification EC 1272/2008 (CLP)</th> </tr> </thead> <tbody> <tr> <td>1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLCYCLOPENTA-GAMMA-2-BENZOPYRAN</td> <td style="text-align: center;">1 - 2</td> <td style="text-align: center;">Aquatic Acute 1 H400 M&1, Aquatic Chronic 1 H410</td> </tr> <tr> <td style="font-size: small;">Cas 1222-05-5</td> <td></td> <td></td> </tr> <tr> <td style="font-size: small;">Ec 214-946-9</td> <td></td> <td></td> </tr> </tbody> </table>	Identification	Concentration (%)	Classification EC 1272/2008 (CLP)	1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLCYCLOPENTA-GAMMA-2-BENZOPYRAN	1 - 2	Aquatic Acute 1 H400 M&1, Aquatic Chronic 1 H410	Cas 1222-05-5			Ec 214-946-9		
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CAS 101-86-0												

	CE 202-983-3		
	VANILLINA		
	CAS 121-33-5	0,5 - 1	Skin Sens. 1 H317
	CE 204-465-2		
	Quaternary ammonium compounds, benzyl-C12-14 (even-numbered)-alkyldimethyl, chlorides	0,25 – 0,5	Acute Tox. 4 H302, Skin Corr. 1B H314, Aquatic Acute 1 H400 M=1 Aquatic Chronic 1 H410
	CAS 68424-85-1		
	CE 207-325-2		
	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	0,1 - 0,5	Skin Sens. 1 H317, Aquatic Chronic 1 H410 Skin Irr 2 H315
	CAS /		
	CE 915-730-3		
	1-(5,6,7,8-TETRAHYDRO-3,5,5,6,8,8-HEXAMETHYL-2-NAPHTHYL)ETHAN-1-ONE (FIXOLID)	0,1 - 0,5	Acute Tox. 4 H302, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410
	CAS 1506-02-1		
	CE 216-133-4		
	Terpinyl Acetate		
	CAS 8007-35-0	0,1 - 0,5	Aquatic Chronic 3 H412
	CE 232-357-5		
	Cumarina		
	CAS 91-64-5	0,1 - 0,5	Aquatic Chronic 3 H412 Skin Sens. 1 H317 Acute Tox. 4 H302
	CE 202-086-7		
	Benzyl Acetate		
	CAS 140-11-4	0,1 - 0,2	Aquatic Chronic 31 H412
	CE 205-399-7		
	Linalolo		
	CAS 78-70-6	0,1 - 0,2	Skin Sens. 1 H317 Eye Irritation 2 H319 Skin Irrit. 2 H315
	CE 201-134-4		
	METIL CEDRIL CHETONE		
	CAS 32388-55-9	0,1 - 0,5	Skin Sens. 1 H317, Aquatic Chronic 1 H410 Aquatic Acute 1 H400 M=1
	CE 251-020-3		
	Citronello		
	CAS 106-22-9	<0,1	Skin Sens. 1 H317 Eye Irritation 2 H319 Skin Irrit. 2 H315
	CE 203-375-0		
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	Description of first aid measures	
	Eyes	Remove contact lenses. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids. If problem persists, seek medical advice.
	Skin	Remove contaminated clothing. Wash skin with soap and plenty of water. Get medical attention if symptoms occur. Wash clothing before reuse.
	Inhalation	Remove to fresh air. If not breathing, give artificial respiration and seek medical attention immediately. Oxygen should only be administered by trained personnel.
	Ingestion	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	Main symptoms and effects (acute and delayed)	
	Possibility of allergic reactions resulting in breathing difficulties and/or skin rushes. There are no known episodes of health damages attributable to the mixture. For symptoms caused by the contained substances, see Chapter 11.	

4.3	Indication in case of emergency of medical and special treatments	
	Information not available.	

SECTION 5. Firefighting measures

5.1	Extinguishing media	
	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	Special hazards from the substance or mixture	
	FIRE EXPOSURE HAZARDS Avoid breathing in combustion products.	

5.3	Advice for firefighters	
	GENERAL INFORMATION 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. Equipment 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).	

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 materials for containment and remediation	
	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. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4 Reference to other sections
 Any information regarding individual protection and disposal is reported in sections 8 and 13.

Section 7. Safe handling and storage

7.1 Precautions for safe handling
 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.

7.2 Conditions for safe storage, including possible incompatibilities
 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.

7.3 Special end uses
 Information not available.

SECTION 8. Exposure control/individual protection

8.1 Control parameters
 Information not available.

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.

PROTECT HANDS
 Use protective gloves when handling the pure product.

SKIN PROTECTION
 Wear clothing that ensures total skin protection.

RESPIRATORY PROTECTION
 Not required for normal use of the product.

EYE PROTECTION
 Protect your eyes/face.

ENVIRONMENTAL EXPOSURE CONTROLS
 Product residues should not be discharged unchecked into wastewater or waterways.

SECTION 9. Physical and chemical properties

9.1	About fundamental physical and chemical properties	
	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

9.2	More information	
	VOC (Directive 1999/13/CE)	0.07 plus 0.02 (g COV/g sample) (equal to: 7% - 2%)

Section 10. Stability and responsiveness

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

SECTION 11. Toxicological information

11.1	About toxicology effects	<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:	ETANONE, 1,2,3,4,5,6,7,7,8-OCTAIDRO-2,3,8,8-TETRAMETIL-2-NAFTALENE
	LD50 (Oral)	> 5000 mg/kg Rat
	LD50 (Cutaneous)	> 5000 mg/kg Rabbit
	Substance:	1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8-HEXAMETHYLCYCLOPENTA-GAMMA-2-BENZOPYRAN
	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
6-OCTEN-1-OL,3,7-DIMETHYL -CAS: 106-22-9	LC50	Pesci	14,66 mg/l / 96h	Leuciscus idus
	EC50	Dafnie	17,48 mg/l/48h	Daphnia magna

12.2 Persistence and degradability

Information not available.

12.3 Bioaccumulative potential

1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-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.
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14.2 UN shipping name.	Not applicable.
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14.3 Transport hazard class	Not applicable.
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14.4 Packing group.	Not applicable.
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14.5 Environmental hazards.	Not applicable.
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14.6	Special precautions for users. Not applicable.
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14.7	Bulk transport according to MARPOL 73/78 and IBC code 73/78. Information not relevant
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Section 15. Regulatory information

15.1	Substance or mix-specific health, safety and environmental rules and legislation	
	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> Hexyl Cinnamal, Coumarin, Linalool, Citronellol, Geraniol, Farnesol, Eugenol, Limonene. <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	Chemical safety assessment 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	
	Flam.Liq River. 3	Flammable liquid, category 3
	Acute Tox. 4	Acute toxicity, category 4
	Asp. Tox, Tox. 1	Danger in case of suction, category 1
	Eye Irrit. 2	Eye irritation, category 2
	Skin Irrit. 2	Skin irritation, category 2
	Skin Sens. 1	Skin sensitization, category 1
	Aquatic Acute 1	Dangerous for the aquatic environment, acute toxicity, category 1
	Aquatic Chronic 1	Dangerous to the aquatic environment, chronic toxicity, category 1
	Aquatic Chronic 2	Dangerous for the aquatic environment, chronic toxicity, category 2
	Aquatic Chronic 3	Dangerous to the aquatic environment, chronic toxicity, category 3
	H302	Harmful if ingested.
	H319	Causes severe eye irritation.
	H315	Causes skin irritation.
	H317	It can cause an allergic skin reaction.
	H400	Very toxic for aquatic organisms.
	H410	Very toxic for aquatic organisms with long-lasting effects.
	H411	Toxic for aquatic organisms with long-lasting effects.

H412	Harmful for aquatic organisms with long-lasting effects.
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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

Note to the user:

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.

Changes from the previous revision:

Changes have been made to the following sections: all sections.