

Fragrance Cedar & Sea Salt 00015653

Lemo Fun SRL



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Safety Data Sheet

In accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008, and Commission Regulation (EU) No 2020/878 of 18 June 2020.

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Field	Details
Trade Name	Fragrance Cedar & Sea Salt 00015653
Product Number	00015653
UFI	4VAD-V1SD-600V-AEG2
Product Definition	Mixture
Identification of the Mixture	Fragrance, flavour, automotive cosmetics, industrial and household chemistry
Recommended Use	Aromatic ingredient for household chemicals and cosmetics. For use in production only; not for direct consumption.
Uses Advised Against	Do not use in foodstuffs.
Supplier Name	Lemo Fun SRL
Supplier Address	Nicolae Licaret 6, Bucharest, Romania
Supplier Phone	+40784943113
Supplier Email	info@shoplumanari.ro
Supplier Website	www.shoplumanari.ro
Emergency Phone (Poisoning – UK)	National Poisons Information Service (24 h service): +44 (0) 844-892-0111 (UK only)
Emergency – Other EU Countries	Please consult: http://echa.europa.eu/help/nationalhelp_contact_en.asp

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Classification pursuant to Regulation (EC) No 1272/2008 (CLP):

H411 – Aquatic Chronic 2

H317 – Skin Sens. 1

H315 – Skin Irrit. 2

H319 – Eye Irrit. 2

2.2 Label Elements

Labelling in accordance with Regulation (EC) No 1272/2008 (CLP).

Signal Word: Warning

Hazard Statements:

H411 – Toxic to aquatic life with long lasting effects.

H317 – May cause an allergic skin reaction.

H315 – Causes skin irritation.

H319 – Causes serious eye irritation.

Precautionary Statements (Prevention and Response):

P273 – Avoid release to the environment.

P261 – Avoid breathing dust/fumes/gas/mist/vapours/spray.

P272 – Contaminated work clothing should not be allowed out of the workplace.

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

P264 – Wash thoroughly after handling.

P302+P352 – IF ON SKIN: Wash with plenty of soap and water.

P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.

2.3 Other Hazards

No additional hazards identified beyond those listed above.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Mixture of natural, nature-identical and synthetic aroma products.

3.2 Mixture:

Mixture of natural and synthetic aroma substances.

Hazardous ingredients:

Ingredient	%	CAS No.	EC No.	Index No. / REACH No.	Classification (CLP) Regulation (EC) No 1272/2008
Benzyl Benzoate (IUPAC: BENZYL BENZOATE)	<60%	120-51-4	204-402-9	REACH No. 01-211997 6371-33-xxxx	Aquatic Chronic 2: H411; Acute Tox. 4 ORAL: H302
Iso E Super (IUPAC: 1-(1,2,3,4,5,6,7,8-OCTAH YDRO-2,3,8,8-TETRA METHYL-2-NAPHTHY L)ETHAN-1-ONE)	<11.2%	54464-57-2	259-174-3		Aquatic Chronic 2: H411; Skin Sens. 1: H317; Skin Irrit. 2: H315; Eye Irrit. 2: H319
Ethylene Brassylate (IUPAC: 1,4-DIOXACY CLOHEPTADECANE-5 ,17-DIONE)	<6%	105-95-3	203-347-8	REACH No. 01-211997 6314-33-xxxx	Aquatic Chronic 3: H412
Cedarwood Oil TEXAS 100% pure and natural (IUPAC: CEDARWOOD OIL)	<4%	68990-83-0	294-461-7	REACH No. 01-212075 3603-56-xxxx	Aquatic Chronic 1: H410; Skin Sens. 1B: H317; Skin Irrit. 2: H315; Aquatic Acute 1: H400; Asp. Tox. 1: H304; M=1
Dihydromyrcenol (Myrcetol) (IUPAC: 2,6-DIMETHYLOCT-7-EN-2-OL)	<2.8%	18479-58-8	242-362-4	REACH No. 01-211945 7274-37-xxxx	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H336
Bacdanol (Srandanol) (IUPAC: (E)-2-ETHYL-4-(2,2,3-TRIMETHYL-1-CYCLOPENT-3-ENYL)BUT-2-EN-1-OL)	<2%	28219-61-6 / 106185-75-5	248-908-8		Aquatic Chronic 1: H410; Eye Irrit. 2: H319; M Chr=1

Ingredient	%	CAS No.	EC No.	Index No. / REACH No.	Classification (CLP) Regulation (EC) No 1272/2008
Ethanol (IUPAC: ETHANOL)	<1.1%	64-17-5	200-578-6		Acute Tox. 4 ORAL: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 1: H370; STOT SE 2: H371
Methyl Cedryl Ketone (MCK) (IUPAC: (3R-(3A,3AB,7B,8AA))-1-(2,3,4,7,8,8A-HEXAHYDRO-3,6,8,8-TETRAMETHYL-1H-3A,7-METHANOAZULEN-5-YL)ETHAN-1-ONE)	<1%	32388-55-9	251-020-3	REACH No. 01-211996 9651-28-xxxx	Aquatic Chronic 1: H410; Skin Sens. 1B: H317; Aquatic Acute 1: H400
Vertenex (PTBCH Acetate) (IUPAC: 4-TERTBUTYLCYCLOHEXYL ACETATE)	<0.8%	32210-23-4	250-954-9	REACH No. 01-211997 6286-24-xxxx	Skin Sens. 1B: H317
Ethyl Linalool (IUPAC: (6E)-3,7-DIMETHYLNONA-1,6-DIEN-3-OL)	<0.8%	10339-55-6	233-732-6	REACH No. 01-211996 9272-32-xxxx	Skin Sens. 1B: H317; Skin Irrit. 2: H315; Eye Irrit. 2: H319
Veramoss (IUPAC: METHYL 2,4-DIHYDROXY-3,6-DIMETHYLBENZOATE)	<0.6%	4707-47-5	225-193-0	REACH No. 01-212076 2759-36-xxxx	Skin Sens. 1B: H317
Helional (Helioven) (IUPAC: 3-(2H-1,3-BENZODIOXOL-5-YL)-2-METHYLPROPANAL)	<0.6%	1205-17-0	214-881-6	REACH No. 01-212074 0119-58-xxxx	Aquatic Chronic 2: H411; Skin Sens. 1B: H317; Repr. 2: H361
Globalide (Habanolide) (IUPAC: OXACYCLOHEXADECEN-2-ONE)	<0.4%	34902-57-3 / 111879-80-2	422-320-3		Aquatic Chronic 1: H410; Aquatic Chronic 2: H411; Aquatic Acute 1: H400
Cashmeran (IUPAC: 1,1,2,3,3-PENTAMETHYL-2,3,4,5,6,7-HEXAHYDRO-1H-INDEN-4-ONE)	<0.2%	33704-61-9 / 155667-06-4	251-649-3	REACH No. 01-211997 7131-40-xxxx	Aquatic Chronic 2: H411; Skin Sens. 1B: H317; Skin Irrit. 2: H315; Eye Irrit. 2: H319
Musk Ketone (IUPAC: 1-(4-TERT-BUTYL-2,6-DIMETHYL-3,5-DINITROPHENYL)ETHAN-1-ONE)	<0.2%	81-14-1	201-328-9	REACH No. 01-212076 6629-37-xxxx	Aquatic Chronic 1: H410; Aquatic Acute 1: H400; Carc. 2: H351
Clary Sage Oil 100% pure and natural (IUPAC: CLARY SAGE ESSENTIAL OIL)	<0.2%	8016-63-5	283-911-8	REACH No. 01-212075 7185-50-xxxx	Skin Sens. 1B: H317; Aquatic Chronic 3: H412
Macrolide (IUPAC: 1-OXACYCLOHEXADECAN-2-ONE)	<0.2%	106-02-5	203-354-6	REACH No. 01-211998 7323-31-xxxx	Aquatic Chronic 2: H411; Skin Sens. 1B: H317
Cyclamen Aldehyde (IUPAC: 2-METHYL-3-[4-(PROPAN-2-YL)PHENYL]PROPANAL)	<0.2%	103-95-7	203-161-7	REACH No. 01-211997 0582-32-xxxx	Skin Sens. 1B: H317; Skin Irrit. 2: H315; Aquatic Chronic 3: H412; M Chr=1
Eucalyptus Globulus, 80% (IUPAC: ESSENTIAL OIL EUCALYPTUS GLOBULUS - EUCALYPTUS GLOBULUS LEAF OIL)	<0.2%	8000-48-4	283-406-2	REACH No. 01-211997 8250-37-xxxx	Aquatic Chronic 2: H411; Skin Sens. 1: H317; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Asp. Tox. 1: H304
Timberol (IUPAC: 1-(2,2,6-TRIMETHYLCYCLOHEXYL)-3-HEXANOL)	<0.12%	70788-30-6	274-892-7		Skin Sens. 1B: H317; Skin Irrit. 2: H315
Fir Balsam Absolute	<0.12%	8007-47-4			Aquatic Chronic 2: H411; Skin Sens. 1: H317; Skin Irrit. 2: H315

Ingredient	%	CAS No.	EC No.	Index No. / REACH No.	Classification (CLP) Regulation (EC) No 1272/2008
BHT (IUPAC: 2,6-DI-TERT-BUTYL-4-METHYL PHENOL)	<0.001%	128-37-0	204-881-4	REACH No. 01-211955 5270-46-0000	Aquatic Chronic 1: H410; M Chr=1
Benzyl Alcohol (IUPAC: PHENYLMETHANOL)	<0.001%	100-51-6	202-859-9	Index No. 603-057-00-5; REACH No. 01-2119492630-38 -xxxx	Acute Tox. 4 ORAL: H302; Acute Tox. 4 INHALATION: H332
Benzoic Aldehyde (Benzaldehyde) (IUPAC: BENZALDEHYDE)	<0.001%	100-52-7	202-860-4	Index No. 605-012-00-5; REACH No. 01-2119455540-44 -0000	Acute Tox. 4 ORAL: H302

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Inhalation:

Immediately move the affected person to fresh air. Seek medical attention if symptoms persist.

Ingestion:

Rinse mouth thoroughly with water. Give plenty of water to drink. Seek medical attention immediately.

Skin Contact:

Remove any contact lenses and open eyelids wide. Rinse immediately with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist.

Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed:

Persons with asthma, eczema or skin problems should avoid contact with this product, including skin contact. For further information on health hazards, refer to Section 11.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:

Advice for physician: No special recommendations.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media:

Suitable extinguishing media: Foam, carbon dioxide or dry powder.

Unsuitable extinguishing media: Water.

5.2 Special Hazards Arising from the Substance or Mixture:

Special hazards: Toxic gases or vapours.

5.3 Advice for Firefighters:

Firefighting precautions: Containers near fire should be removed or cooled with water.

Special protective equipment for firefighters: Wear a self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Wear appropriate protective equipment including gloves, eye/face protection, respiratory protection, boots, clothing or apron as required. Smoking, sparks, flames or other ignition sources near spilled liquids are prohibited.

6.2 Environmental Precautions:

Do not allow to enter drains, watercourses or the ground.

6.3 Methods and Materials for Containment and Cleaning Up:

Contain the spill. Absorb with inert absorbent material and dispose of in accordance with local regulations.

6.4 Reference to Other Sections:

See Sections 8 and 13 for further information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Wear protective clothing as described in Section 8 of this Safety Data Sheet. Avoid contact with skin, eyes and clothing.

General hygiene measures: Do not eat, drink or smoke while using this product. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

7.2 Conditions for Safe Storage, Including Any Incompatibilities:

Store in the original tightly closed container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flames. Protect from frost and direct sunlight.

7.3 Specific End Use(s):

Aromatic ingredient for household chemicals and cosmetics.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Occupational exposure limits (OELs) where available:

Ingredient	CAS No.	TWA, 8 hours
Ethanol (IUPAC: ETHANOL)	64-17-5	TWA = 1 000* mg/m ³
Benzyl Alcohol (IUPAC: PHENYLMETHANOL)	100-51-6	TWA = 5* mg/m ³
Benzoic Aldehyde (Benzaldehyde)	100-52-7	TWA = 5* mg/m ³

SECTION 8 (continued): EXPOSURE CONTROLS/PERSONAL PROTECTION

Further information: Information valid at the time of review of the Safety Data Sheet.

8.2 Exposure Controls:

Technical Measures:

The usual precautions for handling chemicals must be observed. See Directive 2004/37/EC on the protection of workers from risks related to exposure to carcinogens or mutagens at work.

Hygiene Measures:

Do not eat, drink or smoke while working.

General Protective and Hygiene Measures:

Avoid contact with eyes. Wash hands before breaks and at the end of the shift. Provide a skin protection plan.

Respiratory Protection:

Avoid excessive inhalation of concentrated vapours. Ensure adequate ventilation. When exposed to high concentrations, suitable certified respiratory protective equipment must be worn. For large-scale exposure, suitable respiratory protection must be worn. Suitable face mask in accordance with EN 140.

Body Protection:

Protective clothing. Safety showers should be available in close proximity to possible exposure locations. Wear suitable protective clothing, overalls or suits and similar boots in accordance with EN 365/367.

Eye Protection:

Where there is a risk of possible eye contact, suitable goggles with side protection in accordance with EN 166 must be worn. Emergency eye washes should be available near possible exposure locations.

Hygiene Measures:

No special hygiene measures are recommended, but good personal hygiene practices should always be observed when working with chemical products.

Hand Protection:

Chemical protective gloves in accordance with DIN EN 374 with CE marking. Suitable material: Nitrile, 0.13 mm. Permeation breakthrough time: 1 hour. Check protective gloves for damage such as holes, cuts or tears after each use. Do not wear protective gloves longer than necessary. Apply skin cleansing and skin care products after use. Gloves for mechanical protection do not provide protection against chemicals.

Risk Management Measures:

Operators must be adequately trained. The workplace must be regularly inspected by qualified personnel, e.g. the safety officer.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Property	Value
Appearance	Homogeneous transparent liquid; opalescence is allowed.
Colour	Colourless to brown
Odour	Fragrance description
pH	No data available
Melting Point/Range	< 0 °C
Boiling Point	No data
Flash Point	> 61 °C
Auto-ignition Temperature	No self-ignition
Lower and Upper Explosion Limits	Not explosive
Decomposition Temperature	No data available
Density, 20 °C	0.9 – 1.6 g/cm ³
Kinematic Viscosity	No data available
Freezing Point	No data available
Vapour Pressure	No data available
Relative Vapour Density	No data available
Partition Coefficient n-Octanol/Water (log mean)	No data available
Solubility in Alcohol	Soluble
Solubility in Water	Limited solubility

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

The product is stable and relatively inert under normal conditions of use, storage and transport.

10.2 Chemical Stability:

The product is stable under the conditions of use specified in Section 7.

10.3 Possibility of Hazardous Reactions:

No information on hazardous reactions under normal conditions of use.

10.4 Conditions to Avoid:

Contact with incompatible materials.

10.5 Incompatible Materials:

Strong acids, strong bases, strong oxidising agents.

10.6 Hazardous Decomposition Products:

No decomposition products if storage and handling conditions are observed. Hazardous gases may form in the event of fire.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Inhalation:

Acute Toxicity: No data.

Corrosion/Irritation: Not classified – on the basis of available data, the classification criteria are not met.

Sensitisation: Contains no substances classified as inhalation allergens. Not classified – on the basis of available data, the classification criteria are not met.

Carcinogenicity: Contains no carcinogenic substances. Not classified – on the basis of available data, the classification criteria are not met.

Mutagenicity: Contains no mutagenic substances. Not classified – on the basis of available data, the classification criteria are not met.

Skin Contact:

Acute Toxicity: No data.

Corrosion/Irritation: Not classified – on the basis of available data, the classification criteria are not met.

Sensitisation: Contains no substances classified as inhalation allergens. Not classified – on the basis of available data, the classification criteria are not met.

Carcinogenicity: Contains no carcinogenic substances. Not classified – on the basis of available data, the classification criteria are not met.

Mutagenicity: Contains no mutagenic substances. Not classified – on the basis of available data, the classification criteria are not met.

Eye Contact:

Corrosion/Irritation: No data.

Ingestion:

Acute Toxicity: No data.

Corrosion/Irritation: May cause nausea, vomiting and diarrhoea.

Sensitisation: Contains no carcinogenic substances. Not classified – on the basis of available data, the classification criteria are not met.

Carcinogenicity: Contains no carcinogenic substances. Not classified – on the basis of available data, the classification criteria are not met.

Mutagenicity: Contains no mutagenic substances. Not classified – on the basis of available data, the classification criteria are not met.

Reproductive Toxicity: Not likely to be reproductively toxic. Not classified – on the basis of available data, the classification criteria are not met. Fertility: Not classified – on the basis of available data, the classification criteria are not met.

11.2 Primary Irritation: Skin irritation, Hazard Category 2.

11.2.1 Endocrine Disrupting Properties: BHT (IUPAC: 2,6-DI-TERT-BUTYL-4-METHYLPHENOL).

11.3 Sensitisation: Classified as Sensitisation — Skin, hazard category 1.

11.4 Chronic Effects: Classified as Hazardous to the aquatic environment — Chronic Category 2.

11.5 Target Organs: Classified as having no classifiable toxicity.

11.6 Carcinogenicity: Classified as having no classifiable toxicity.

11.7 Mutagenicity: Classified as having no classifiable toxicity.

11.8 Reproductive Toxicity: Classified as having no classifiable toxicity.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

No ecotoxicological studies have been carried out on this product.

Ecotoxicity – Toxic to aquatic organisms.

Aquatic Toxicity of Components:

Ingredient / CAS No.	Test	Result	Species
Benzyl Benzoate / 120-51-4	LC50/48H	7.77 mg/l	Aquatic invertebrates
Benzyl Benzoate / 120-51-4	EC50/48H	3.09 mg/l	Aquatic invertebrates
Benzyl Benzoate / 120-51-4	LC50/24H	11 mg/l	Aquatic invertebrates
Benzyl Benzoate / 120-51-4	EC50/72H	311	Aquatic algae and cyanobacteria
Benzyl Benzoate / 120-51-4	LC50/96H	2.32 mg/l	Fish
Benzyl Benzoate / 120-51-4	EC50/24H	4.26 mg/l	Fish
Ethylene Brassylate / 105-95-3	LC50/48H	2.67 mg/l	Aquatic invertebrates
Ethylene Brassylate / 105-95-3	EC50/72H	14.579 mg/l	Aquatic algae and cyanobacteria
Ethylene Brassylate / 105-95-3	EC50/96H	788	Aquatic algae and cyanobacteria
Ethylene Brassylate / 105-95-3	LC50/96H	2.13 mg/l	Fish
Dihydromyrcenol (Myrcetol) / 18479-58-8	EC50/48H	9.1 mg/l	Aquatic invertebrates
Dihydromyrcenol (Myrcetol) / 18479-58-8	EC50/72H	6 485	Algae
Ethanol / 64-17-5	LC50/48H	9.248 g/l	Aquatic invertebrates
Ethanol / 64-17-5	EC50/48H	10 g/l	Aquatic invertebrates
Ethanol / 64-17-5	EC50/24H	10 g/l	Aquatic invertebrates
Ethanol / 64-17-5	EC50/72H	275 mg/l	Aquatic algae and cyanobacteria
Ethanol / 64-17-5	EC50/96H	22 000 mg/l	Aquatic algae and cyanobacteria
Ethanol / 64-17-5	LC50/96H	15.4 g/l	Fish
Ethanol / 64-17-5	EC50/96H	12.9 g/l	Fish
Methyl Cedryl Ketone (MCK) / 32388-55-9	EC50/48H	860 µg/L	Aquatic invertebrates
Methyl Cedryl Ketone (MCK) / 32388-55-9	EC50/21 days	320 µg/L	Aquatic invertebrates
Methyl Cedryl Ketone (MCK) / 32388-55-9	EC50/96H	4.3 mg/l	Aquatic algae and cyanobacteria
Methyl Cedryl Ketone (MCK) / 32388-55-9	LC50/96H	3 mg/l	Fish
Vertenex (PTBCH Acetate) / 32210-23-4	EC50/48H	5.3 mg/l	Aquatic invertebrates
Vertenex (PTBCH Acetate) / 32210-23-4	EC50/72H	22 mg/l	Algae
Vertenex (PTBCH Acetate) / 32210-23-4	LC50/96H	8.6 mg/l	Fish
Ethyl Linalool / 10339-55-6	EC50/48H	23 mg/l	Aquatic invertebrates
Ethyl Linalool / 10339-55-6	EC50/24H	59 mg/l	Aquatic invertebrates
Ethyl Linalool / 10339-55-6	EC50/72H	25.1 mg/l	Aquatic algae and cyanobacteria
Ethyl Linalool / 10339-55-6	LC50/96H	24 mg/l	Fish
Ethyl Linalool / 10339-55-6	LC50/72H	24 mg/l	Fish
Ethyl Linalool / 10339-55-6	LC50/48H	24 mg/l	Fish
Ethyl Linalool / 10339-55-6	LC50/3H	28 mg/l	Fish
Ethyl Linalool / 10339-55-6	LC50/24H	24 mg/l	Fish
Veramoss / 4707-47-5	EC50/48H	9.3 mg/l	Aquatic invertebrates
Veramoss / 4707-47-5	EC50/96H	3.3 mg/l	Aquatic algae and cyanobacteria
Veramoss / 4707-47-5	LC50/96H	5.2 mg/l	Fish
Helional (Helioven) / 1205-17-0	EC50/48H	8.3 mg/l	Aquatic invertebrates
Helional (Helioven) / 1205-17-0	EC50/24H	17 mg/l	Aquatic invertebrates
Helional (Helioven) / 1205-17-0	EC50/72H	14 mg/l	Aquatic algae and cyanobacteria
Cashmeran / 33704-61-9, 155667-06-4	EC50/48H	1.5 mg/l	Aquatic invertebrates
Cashmeran / 33704-61-9, 155667-06-4	EC50/24H	3.8 mg/l	Aquatic invertebrates
Cashmeran / 33704-61-9, 155667-06-4	EC50/72H	10 mg/l	Aquatic algae and cyanobacteria
Cashmeran / 33704-61-9, 155667-06-4	LC50/96H	1.7 mg/l	Fish

Ingredient / CAS No.	Test	Result	Species
Cashmeran / 33704-61-9, 155667-06-4	LC50/24H	2 mg/l	Fish
Musk Ketone / 81-14-1	EC50/48H	432 µg/L	Aquatic invertebrates
Musk Ketone / 81-14-1	EC50/24H	432 µg/L	Aquatic invertebrates
Musk Ketone / 81-14-1	EC50/72H	118 µg/L	Aquatic algae and cyanobacteria
Musk Ketone / 81-14-1	LC50/96H	385 µg/L	Fish
Musk Ketone / 81-14-1	LC50/72H	385 µg/L	Fish
Musk Ketone / 81-14-1	LC50/48H	385 µg/L	Fish
Musk Ketone / 81-14-1	LC50/24H	385 µg/L	Fish
Macrolide / 106-02-5	EC50/48H	1 780	Aquatic invertebrates
Macrolide / 106-02-5	EC50/24H	2 870	Aquatic invertebrates
Macrolide / 106-02-5	EC50/72H	470	Aquatic algae and cyanobacteria
Macrolide / 106-02-5	LC50/96H	2 mg/l	Fish
Macrolide / 106-02-5	LC50/72H	2 mg/l	Fish
Macrolide / 106-02-5	LC50/48H	2 mg/l	Fish
Macrolide / 106-02-5	LC50/24H	2 mg/l	Fish
Cyclamen Aldehyde / 103-95-7	EC50/48H	1.4 mg/l	Aquatic invertebrates
Cyclamen Aldehyde / 103-95-7	EC50/72H	2.7 mg/l	Algae
Cyclamen Aldehyde / 103-95-7	EC50/96H	2.7 mg/l	Algae
Cyclamen Aldehyde / 103-95-7	LC50/96H	1.092 mg/l	Fish
Eucalyptus Globulus, 80% / 8000-48-4	EC50/48H	100 000 µg/L	Aquatic invertebrates
Eucalyptus Globulus, 80% / 8000-48-4	EC50/48H	494 µg/L	Aquatic algae and cyanobacteria
Eucalyptus Globulus, 80% / 8000-48-4	EC50/96H	74 mg/l	Aquatic algae and cyanobacteria
Eucalyptus Globulus, 80% / 8000-48-4	LC50/96H	57 000 µg/L	Fish
Eucalyptus Globulus, 80% / 8000-48-4	EC50/96H	179 mg/l	Fish
BHT / 128-37-0	EC50/72H	5 120 µg/L	Algae
BHT / 128-37-0	EC50/96H	758 µg/L	Algae
BHT / 128-37-0	LC50/96H	384.5 µg/L	Fish
Benzyl Alcohol / 100-51-6	LC50/48H	260.415 mg/l	Aquatic invertebrates
Benzyl Alcohol / 100-51-6	EC50/48H	230 mg/l	Aquatic invertebrates
Benzyl Alcohol / 100-51-6	EC50/21 days	66 mg/l	Aquatic invertebrates
Benzyl Alcohol / 100-51-6	EC50/72H	500 mg/l	Algae
Benzyl Alcohol / 100-51-6	EC50/96H	76.828 mg/l	Algae
Benzyl Alcohol / 100-51-6	LC50/96H	460 mg/l	Fish
Benzyl Alcohol / 100-51-6	LC50/72H	460 mg/l	Fish
Benzyl Alcohol / 100-51-6	LC50/48H	770 mg/l	Fish
Benzyl Alcohol / 100-51-6	LC50/24H	770 mg/l	Fish
Benzoic Aldehyde (Benzaldehyde) / 100-52-7	EC50/48H	19.7 mg/l	Aquatic invertebrates
Benzoic Aldehyde (Benzaldehyde) / 100-52-7	EC50/24H	50 mg/l	Aquatic invertebrates
Benzoic Aldehyde (Benzaldehyde) / 100-52-7	EC50/24H	50 mg/l	Aquatic invertebrates
Benzoic Aldehyde (Benzaldehyde) / 100-52-7	EC50/72H	33.1 mg/l	Aquatic algae and cyanobacteria
Benzoic Aldehyde (Benzaldehyde) / 100-52-7	LC50/96H	1.07 mg/l	Fish
Benzoic Aldehyde (Benzaldehyde) / 100-52-7	LC50/96H	13.8 mg/l	Fish

SECTION 12 (continued): ECOLOGICAL INFORMATION

12.2 Persistence and Degradability:

May cause long-term adverse effects in the aquatic environment.

Biodegradation and elimination assessment: No data.

12.3 Bioaccumulative Potential:

No further relevant information available. Low bioaccumulation potential: logPow < 4 (logPow calculated = 0).

12.4 Mobility in Soil:

No data.

12.5 Results of PBT and vPvB Assessment:

This mixture contains no substances that meet the PBT or vPvB criteria of REACH, Annex XIII.

12.6 Endocrine Disrupting Properties:

BHT (IUPAC: 2,6-DI-TERT-BUTYL-4-METHYLPHENOL).

12.7 Other Adverse Effects:

Global Warming Potential: Cannot contribute to the greenhouse effect.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Dispose of the product in accordance with local and national regulations.

Product Residues:

Do not pour residues into the municipal drainage system.

Additional Warning: None.

European Waste Catalogue:

Dispose of in accordance with Directives 2008/98/EC, 94/62/EC, 2014/955/EU and 2008/98/EC.

EWC Code	Description
07	Wastes from organic chemical processes:
07 07	Wastes from the MFSU of fine chemicals and chemical products, not otherwise specified
07 07 99	Wastes not otherwise specified
15 02 02*	Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated with hazardous substances

SECTION 13 (continued): DISPOSAL CONSIDERATIONS

Contaminated Packaging:

Hand over remaining packaging after use to the authority responsible for disposal of hazardous waste.

Recommendation:

Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

Field	Details
14.1 UN Number	UN 3082
14.2 UN Proper Shipping Name	UN 3082 Environmentally Hazardous Substance, Liquid, N.O.S. (Allyl Heptanoate, 7-Acetyl-1,1,3,4,4,6-Hexamethyltetralin)
14.3 Transport Hazard Class (ADR, IATA, IMDG)	9
Hazard Label	9
14.4 Packing Group (ADR, IATA, IMDG)	III
14.5 Environmental Hazards – Marine Pollutant	Yes
14.6 Special Precautions for User	Read the Safety Data Sheet and emergency procedures before handling.
14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code	Not applicable. Packaged liquids are not considered bulk cargo.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94, as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Directive 2006/11/EC of the European Parliament and of the Council of 15 February 2006 on pollution caused by certain dangerous substances discharged into the aquatic environment of the Community.

Regulation (EC) No 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Information on Use Restrictions:

Observe Directive 94/33/EC on the protection of young people at work.

Observe Directive 92/85/EC on the safety and health of pregnant workers at the workplace.

15.2 Chemical Safety Assessment:

Not applicable.

SECTION 16: OTHER INFORMATION

Full text of classifications, including hazard statements, hazard symbols and hazard codes listed in Sections 2 and 3:

Revisions are indicated by a black bar on the left-hand margin.

Abbreviations and Acronyms:

PBT: Persistent, Bioaccumulative, Toxic

vPvB: Very Persistent, Very Bioaccumulative

EC: European inventory of commercial chemical substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods Code

LC50: Median (50%) lethal concentration

LD50: Median (50%) lethal dose

EC50: Effective concentration: 50 percent

CLP: Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of substances and mixtures

ECHA: European Chemicals Agency, Helsinki (http://echa.europa.eu/home_en.asp)

TWA: Time-weighted average

IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

MARPOL: International Convention for the Prevention of Pollution from Ships

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

UN: United Nations

ATE: Acute Toxicity Estimate

Disclaimer:

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