

Fragrance Coacaze & Absinth 00015721

Lemo Fun SRL



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

1.1. Product Identifier

IDENTIFICATION OF THE MIXTURE:

Fragrance, flavour, automotive cosmetics, industrial and household chemistry

TRADE NAME:

Fragrance Coacaze & Absinth 00015721

PRODUCT CODE:

00015721

UFI Code: PQHD-91QD-100H-ANF7

1.2. Relevant identified uses of the substance or mixture and uses advised against

RECOMMENDED USE: Aromatic ingredient for household chemicals and cosmetics. Intended for manufacturing only, not for direct consumption as such.

USES ADVISED AGAINST: Do not use in foodstuffs.

1.3. Details of the supplier of the Safety Data Sheet

SUPPLIER:

Lemo Fun SRL

Nicolae Licaret 6, Bucharest, Romania

Phone: +40784943113

Email: info@shoplumanari.ro

Website: www.shoplumanari.ro

1.4. Emergency telephone number

IN CASE OF INTOXICATION:

LATVIA – State Fire and Rescue Service: (+371) 112; (+371) 113;

National Poison Information Centre: +371 67042468

GERMANY – International emergency number: +49 180 2273-112

Transport emergency number (24 h service): +49 621 60-43333

UNITED KINGDOM – National Poisons Information Service (24-hour service): +44 (0) 844-892-0111 (UK only)

FRANCE – INRS FRANCE: +33 (0)1 45 42 59-59

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

Product definition: Mixture

Toxic to aquatic life with long lasting effects: H411

May cause an allergic skin reaction: H317

Causes skin irritation: H315

Harmful if inhaled: H332

Causes serious eye irritation: H319

2.2. Label elements

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

Hazard pictograms: GHS07 (Harmful/Irritant), GHS09 (Environmental hazard)

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.

H332 – Harmful if inhaled.

H319 – Causes serious eye irritation.

Precautionary statements:

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

P264 – Wash thoroughly after handling.

P271 – Use only outdoors or in a well-ventilated area.

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

P273 – Avoid release to the environment.

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

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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Mixture of natural, nature-identical and synthetic aromatic substances.

3.2. Mixtures

Mixture of natural and synthetic aromatic ingredients.

Hazardous ingredients:

Ingredient (IUPAC name)	%	CAS No.	EC No.	Index No. / REACH No.	Classification (CLP) Regulation (EC) No 1272/2008
Benzyl Benzoate (IUPAC: BENZYL BENZOATE)	<67.6%	120-51-4	204-402-9	Index No.: — REACH No.: 01-2119976371-33 -xxxx	Aquatic Chronic 2: H411 Acute Tox. 4 ORAL: H302 Aquatic Acute 1: H400

Ingredient (IUPAC name)	%	CAS No.	EC No.	Index No. / REACH No.	Classification (CLP) Regulation (EC) No 1272/2008
Musk 50 IPM (IUPAC: 4,6,6,7,8,8-HEXAMETHYL-1H,3H,4H,6H,7H,8H-INDENO[5,6-C]PYRAN)	<4.01%	1222-05-5	214-946-9	Index No.: 603-212-00-7 REACH No.: 01-2119488227-29 -xxxx	Aquatic Chronic 1: H410 Aquatic Acute 1: H400 M Chr=1
Iso E Super (IUPAC: 1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE)	<4%	54464-57-2	259-174-3	Index No.: — REACH No.: —	Aquatic Chronic 2: H411 Skin Sens. 1: H317 Skin Irrit. 2: H315 Eye Irrit. 2: H319
Dihydromyrcenol (Myrcetol) (IUPAC: 2,6-DIMETHYLOCT-7-EN-2-OL)	<2.4%	18479-58-8	242-362-4	Index No.: — REACH No.: 01-2119457274-37 -xxxx	Skin Irrit. 2: H315 Eye Irrit. 2: H319 STOT SE 3 (H336): H336
Linalool (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-OL)	<2.2%	78-70-6	201-134-4	Index No.: 603-235-00-2 REACH No.: 01-2119474016-42 -xxxx	Skin Sens. 1B: H317 Skin Irrit. 2: H315 Eye Irrit. 2: H319
Hexyl Cinnamic Aldehyde Alpha (IUPAC: (2E)-2-(PHENYLMETHYLIDENE)OCTANAL)	<1.8%	101-86-0 / 165184-98-5	202-983-3	Index No.: — REACH No.: 01-2119533092-50 -xxxx	Aquatic Chronic 2: H411 Skin Sens. 1: H317 Aquatic Acute 1: H400 M=1; M Chr=1
Citronellol (IUPAC: 3,7-DIMETHYLOCT-6-EN-1-OL)	<1.43%	106-22-9	203-375-0	Index No.: — REACH No.: 01-2119453995-23 -xxxx	Skin Sens. 1B: H317 Skin Irrit. 2: H315 Eye Irrit. 2: H319
Ionone Beta (IUPAC: (3E)-4-(2,6,6-TRIMETHYLCYCLOHEX-1-EN-1-YL)BUT-3-EN-2-ONE)	<1.4%	14901-07-6 / 79-77-6	238-969-9	Index No.: — REACH No.: 01-2119486669-15 -xxxx	Aquatic Chronic 2: H411
Patchouli Oil MD 45% Patchoulol (IUPAC: PATCHOULI ESSENTIAL OIL)	<1.21%	84238-39-1	282-493-4	Index No.: — REACH No.: —	Asp. Tox. 1: H304
Eucalyptus Globulus, 80% (IUPAC: ESSENTIAL OIL EUCALYPTUS GLOBULUS - EUCALYPTUS GLOBULUS LEAF OIL)	<1.2%	8000-48-4	283-406-2	Index No.: — REACH No.: 01-2119978250-37 -xxxx	Aquatic Chronic 2: H411 Skin Sens. 1: H317 Flam. Liq. 3: H226 Skin Irrit. 2: H315 Asp. Tox. 1: H304
Bacdanol (Sandalol) (IUPAC: (E)-2-ETHYL-4-(2,2,3-TRIMETHYL-1-CYCLOPENT-3-ENYL)BUT-2-EN-1-OL)	<1%	28219-61-6 / 106185-75-5	248-908-8	Index No.: — REACH No.: —	Aquatic Chronic 1: H410 Eye Irrit. 2: H319 M Chr=1
Cedarwood Oil Texas 100% pure and natural (IUPAC: CEDARWOOD OIL)	<0.64%	68990-83-0	294-461-7	Index No.: — REACH No.: 01-2120753603-56 -xxxx	Aquatic Chronic 1: H410 Skin Sens. 1B: H317 Skin Irrit. 2: H315 Aquatic Acute 1: H400 Asp. Tox. 1: H304 M=1
Musk Ketone (IUPAC: 1-(4-TERT-BUTYL-2,6-DIMETHYL-3,5-DINITROPHENYL)ETHAN-1-ONE)	<0.6%	81-14-1	201-328-9	Index No.: — REACH No.: 01-2120766629-37 -xxxx	Aquatic Chronic 1: H410 Aquatic Acute 1: H400 Carc. 2: H351
Anethol (IUPAC: 1-METHOXY-4-[(1E)-PROP-1-EN-1-YL]BENZENE)	<0.6%	4180-23-8	224-052-0	Index No.: — REACH No.: 01-2119979097-22 -xxxx	Skin Sens. 1: H317 Aquatic Chronic 3: H412
Isoamyl Acetate (IUPAC: 3-METHYLBUTYL ACETATE)	<0.6%	123-92-2	204-662-3	Index No.: — REACH No.: 01-2119548408-32 -xxxx	Flam. Liq. 3: H226
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PRO-P-1-EN-2-YL)CYCLOHEX-1-ENE)	<0.6%	5989-27-5 / 8028-48-6	227-813-5	Index No.: 601-096-00-2 REACH No.: 01-2119529223-47 -xxxx	Flam. Liq. 3: H226 Skin Sens. 1B: H317 Skin Irrit. 2: H315 Aquatic Acute 1: H400 Asp. Tox. 1: H304 Aquatic Chronic 3: H412 M=1

Ingredient (IUPAC name)	%	CAS No.	EC No.	Index No. / REACH No.	Classification (CLP) Regulation (EC) No 1272/2008
Ethyl Acetate (IUPAC: ETHYL ACETATE)	<0.4%	141-78-6	205-500-4	Index No.: — REACH No.: 01-2119475103-46 -xxxx	Eye Irrit. 2: H319 Flam. Liq. 2: H225 STOT SE 3 (H336): H336
Eucalyptol (IUPAC: 1,3,3-TRIMETHYL-2-OXABICYCLO[2.2.2]OCTANE)	<0.4%	470-82-6	207-431-5	Index No.: — REACH No.: 01-2119967772-24 -xxxx	Flam. Liq. 3: H226 Skin Sens. 1B: H317
Pinene Beta (IUPAC: 6,6-DIMETHYL-2-METHYLENEBICYCLO[3.1.1]HEPTANE)	<0.22%	127-91-3	204-872-5	Index No.: — REACH No.: 01-2119519230-54 -xxxx	Aquatic Chronic 1: H410 Flam. Liq. 3: H226 Skin Sens. 1B: H317 Skin Irrit. 2: H315 Aquatic Acute 1: H400 Asp. Tox. 1: H304 M=1
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)	<0.16%	118-58-1	204-262-9	Index No.: — REACH No.: 01-2119969442-31 -xxxx	Skin Sens. 1B: H317 Eye Irrit. 2: H319 Aquatic Chronic 3: H412
Vertenex (PTBCH Acetate) (IUPAC: 4-TERTBUTYLCYCLOHEXYL ACETATE)	<0.16%	32210-23-4	250-954-9	Index No.: — REACH No.: 01-2119976286-24 -xxxx	Skin Sens. 1B: H317
Guaiacwood Acetate (IUPAC: BULNESIA SARMIENTI, EXT., ACETATE)	<0.16%	61789-17-1 / 94333-88-7 / 613-70-7	305-067-2	Index No.: — REACH No.: 01-2120746528-45 -xxxx	Aquatic Chronic 1: H410 Skin Sens. 1B: H317 Skin Irrit. 2: H315 Aquatic Acute 1: H400 M=1
Damascone Beta (IUPAC: (2E)-1-(2,6,6-TRIMETHYLCYCLOHEXYL-1-EN-1-YL)BUT-2-EN-1-ONE)	<0.12%	35044-68-9 / 23726-91-2	245-842-1	Index No.: — REACH No.: 01-2120094433-55 -xxxx	Aquatic Chronic 2: H411 Skin Sens. 1B: H317 Skin Irrit. 2: H315
Helional (Helioven) (IUPAC: 3-(2H-1,3-BENZODIOXOL-5-YL)-2-METHYLPROPANAL)	<0.12%	1205-17-0	214-881-6	Index No.: — REACH No.: 01-2120740119-58 -xxxx	Aquatic Chronic 2: H411 Skin Sens. 1B: H317 Repr. 2: H361
Isoamyl Alcohol	<0.04%	123-51-3	204-633-5	Index No.: — REACH No.: —	Acute Tox. 4 ORAL: H302 Flam. Liq. 3: H226 Skin Irrit. 2: H315 STOT SE 3 (H335): H335 Eye Dam. 1: H318

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

Skin contact:

Remove contaminated clothing immediately and wash the skin with water and soap. Seek medical attention if symptoms are severe or persist after washing.

Eye contact:

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

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

Persons suffering from asthma, eczema or skin problems should avoid contact, including skin contact, with this product. See Section 11 for additional information on health hazards.

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

Notes for the physician: No specific recommendations.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Use the following media: foam, carbon dioxide or dry powder.

Unsuitable extinguishing media: Water.

5.2. Special hazards arising from the substance or mixture

Specific hazards: Toxic gases or vapours.

5.3. Advice for firefighters

Protective measures during firefighting: Containers near the fire should be removed or cooled with water.

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear appropriate protective equipment, including gloves, safety goggles/face shield, respiratory mask, boots, clothing or apron. No smoking, sparks, flames or other ignition sources near spills.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Cleaning methods: Keep flammable materials away from the spill. Eliminate all ignition sources. Ensure adequate ventilation. Contain and absorb spilled material with sand, earth or other non-combustible materials. The contaminated absorbent may present the same hazard as the spilled material. Collect and place in suitable disposal containers and seal securely. Label waste containers and contaminated materials and remove them from the area as quickly as possible. Wash thoroughly after spillage.

6.4. Reference to other sections

See Section 8 for personal protective equipment. See Section 13 for disposal.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

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

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

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions: Store in the tightly closed original 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)

No specific end-use recommendations beyond those stated in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limit values: No occupational exposure limit values have been established for this product. Derived No-Effect Levels (DNELs) have not been established for this product. Predicted No-Effect Concentrations (PNECs) have not been determined for this product.

Occupational exposure limit values:

Ingredient	CAS No.	TWA, 8 hours
Isoamyl Alcohol	123-51-3	TWA= 5* mg/m ³

Ingredient	CAS No.	TWA, 8 hours
Isoamyl Acetate (IUPAC: 3-METHYLBUTYL ACETATE)	123-92-2	TWA= 270* mg/m ³
Ethyl Acetate (IUPAC: ETHYL ACETATE)	141-78-6	TWA= 200* mg/m ³

* Republic of Latvia Cabinet Regulation No. 325 Adopted 15 May 2007 – Labour Protection Requirements when Coming in Contact with Chemical Substances at Workplaces

ADDITIONAL INFORMATION:

Information valid at the time of revision of the Safety Data Sheet.

8.2. Exposure controls

TECHNICAL MEASURES: Observe the usual precautions for working with chemicals. See Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work.

HYGIENE MEASURES: Do not eat, drink or smoke when using this product.

GENERAL PROTECTIVE AND HYGIENE MEASURES:

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

RESPIRATORY PROTECTION:

Avoid excessive inhalation of concentrated vapours. Ensure adequate ventilation. If workers are exposed to high concentrations, they must use appropriate certified respiratory protective masks. Wear a suitable respiratory protection device for large-scale exposure. Suitable half-mask respirator in accordance with EN 140.

BODY PROTECTION:

Protective clothing. Emergency showers should be available in the immediate vicinity of potential exposure. Wear suitable protective clothing, overalls or suits and similar boots in accordance with EN 365/367.

EYE PROTECTION:

Wear suitable safety spectacles with side protection in accordance with EN 166, where there is a risk of possible eye contact. Emergency eyewash facilities should be available in the immediate vicinity of potential exposure.

HYGIENE MEASURES:

No specific hygiene measures are recommended, but good personal hygiene practices should always be maintained 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. Breakthrough time for permeation: 1 hour. Check the condition of protective gloves after each use for damage such as holes, cuts or tears. Do not wear protective gloves for longer than necessary. Apply skin cleansers and skin cosmetics after wearing gloves. 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 competent 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 permitted.
Colour	Colourless to brown
Odour	Fragrance description
Refractive index, 20 °C	0.9 – 1.8
Density, 20 °C	0.9 – 1.6 g/cm ³
Flash point	> 61 °C
Melting point/melting range	< 0 °C
Boiling point	—
Freezing point	No data available

Property	Value
Decomposition temperature	No data available
Solubility in water	Limited solubility
Solubility in alcohol	Soluble

9.2. Other information

No further relevant information available.

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 mentioned in Section 7.

10.3. Possibility of hazardous reactions:

Under normal conditions of use, there is no information on hazardous reactions.

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 are expected under storage and handling conditions. In the event of fire, hazardous gases may form.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

INHALATION

Acute toxicity: Calculated ATEmix (LC50) = 18.98 mg/l. Components with unknown toxicity >10%: 93.08%. 10 < ATEmix > 20 mg/l. Classified as Acute Toxicity, Hazard Category 4.

Corrosion/irritation: Not classified – based on available data, the classification criteria are not met.

Sensitisation: Does not contain substances classified as inhalation allergens. Not classified – based on available data, the classification criteria are not met.

Carcinogenicity: Does not contain carcinogenic substances. Not classified – based on available data, the classification criteria are not met.

Mutagenicity: Does not contain mutagenic substances. Not classified – based on available data, the classification criteria are not met.

SKIN CONTACT

Acute toxicity: Calculated ATEmix (LD50) = 9 727.38 mg/kg. Components with unknown toxicity >10%: 80.29%. Not classified.

Corrosion/irritation: Not classified – based on available data, the classification criteria are not met.

Sensitisation: Does not contain substances classified as inhalation allergens. Not classified – based on available data, the classification criteria are not met.

Carcinogenicity: Does not contain carcinogenic substances. Not classified – based on available data, the classification criteria are not met.

Mutagenicity: Does not contain mutagenic substances. Not classified – based on available data, the classification criteria are not met.

EYE CONTACT

Corrosion/irritation: Classified as Not Classified.

INGESTION

Acute toxicity: Calculated ATEmix (LD50) = 2 580.47 mg/kg. Components with unknown toxicity >10%: 16.64%. Not classified.

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

Sensitisation: Does not contain carcinogenic substances. Not classified – based on available data, the classification criteria are not met.

Carcinogenicity: Does not contain carcinogenic substances. Not classified – based on available data, the classification criteria are not met.

Mutagenicity: Does not contain mutagenic substances. Not classified – based on available data, the classification criteria are not met.

Reproductive toxicity: Not expected to be reproductively toxic. Not classified – based on available data, the classification criteria are not met. Fertility: Not classified – based on available data, the classification criteria are not met.

Toxicological information:

Ingredient name	CAS No.	LD50 (Oral)	LD50 (Dermal)	LC50 (Inhalation)
Benzyl Benzoate (IUPAC: BENZYL BENZOATE)	120-51-4	2 000 mg/kg	non-toxic	non-toxic
Musk 50 IPM (IUPAC: 4,6,6,7,8,8-HEXAMETHYL-1H,3H,4H,6H,7H,8H-INDENO[5,6-C]PYRAN)	1222-05-5	non-toxic	non-toxic	non-toxic
Dihydromyrcenol (Myrcetol) (IUPAC: 2,6-DIMETHYLOCT-7-EN-2-OL)	18479-58-8	non-toxic	non-toxic	non-toxic
Linalool (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-OL)	78-70-6	non-toxic	non-toxic	non-toxic
Hexyl Cinnamic Aldehyde Alpha (IUPAC: (2E)-2-(PHENYLMETHYLIDENE)OCTANAL)	101-86-0 / 165184-98-5	non-toxic	non-toxic	non-toxic
Citronellol (IUPAC: 3,7-DIMETHYLOCT-6-EN-1-OL)	106-22-9	non-toxic	non-toxic	non-toxic
Ionone Beta (IUPAC: (3E)-4-(2,6,6-TRIMETHYLCYCLOHEX-1-EN-1-YL)BUT-3-EN-2-ONE)	14901-07-6 / 79-77-6	non-toxic	non-toxic	non-toxic
Eucalyptus Globulus, 80% (IUPAC: ESSENTIAL OIL EUCALYPTUS GLOBULUS - EUCALYPTUS GLOBULUS LEAF OIL)	8000-48-4	non-toxic	non-toxic	non-toxic
Cedarwood Oil Texas 100% pure and natural (IUPAC: CEDARWOOD OIL)	68990-83-0	non-toxic	non-toxic	non-toxic
Musk Ketone (IUPAC: 1-(4-TERT-BUTYL-2,6-DIMETHYL-3,5-DINITROPHENYL)ETHAN-1-ONE)	81-14-1	non-toxic	non-toxic	non-toxic
Anethol (IUPAC: 1-METHOXY-4-[(1E)-PROP-1-EN-1-YL]BENZENE)	4180-23-8	non-toxic	non-toxic	non-toxic
Isoamyl Acetate (IUPAC: 3-METHYLBUTYL ACETATE)	123-92-2	non-toxic	non-toxic	non-toxic
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE)	5989-27-5 / 8028-48-6	non-toxic	non-toxic	non-toxic
Ethyl Acetate (IUPAC: ETHYL ACETATE)	141-78-6	non-toxic	non-toxic	non-toxic
Eucalyptol (IUPAC: 1,3,3-TRIMETHYL-2-OXABICYCLO[2.2.2]OCTANE)	470-82-6	non-toxic	non-toxic	non-toxic
Pinene Beta (IUPAC: 6,6-DIMETHYL-2-METHYLENEBICYCLO[3.1.1]HEPTANE)	127-91-3	non-toxic	non-toxic	non-toxic

Ingredient name	CAS No.	LD50 (Oral)	LD50 (Dermal)	LC50 (Inhalation)
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)	118-58-1	non-toxic	non-toxic	non-toxic
Guaiacwood Acetate (IUPAC: BULNESIA SARMIENTI, EXT., ACETATE)	61789-17-1 / 94333-88-7 / 613-70-7	non-toxic	non-toxic	non-toxic
Damascone Beta (IUPAC: (2 E)-1-(2,6,6-TRIMETHYLCYCLOHEX-1-EN-1-YL)BUT-2-EN-1-ONE)	35044-68-9 / 23726-91-2	non-toxic	non-toxic	non-toxic
Helional (Helioven) (IUPAC: 3-(2H-1,3-BENZODIOXOL-5-YL)-2-METHYLPROPANAL)	1205-17-0	non-toxic	non-toxic	non-toxic
Isoamyl Alcohol	123-51-3	5 726 mg/kg	non-toxic	non-toxic

11.2. Primary irritant effect

11.2.1 Endocrine disrupting properties: Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)

11.3. Sensitisation:

May have a sensitising effect.

11.4. Chronic effects:

No chronic effects known.

11.5. Target organs:

No adverse effects on health of target organs are expected for the finished product.

11.6. Carcinogenicity:

The finished product is not expected to be carcinogenic.

11.7. Mutagenicity:

The finished product is not expected to be mutagenic.

11.8. Reproductive toxicity:

The finished product is not expected to be reproductively toxic.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No ecotoxicological research has been carried out on this product.

Ecotoxicity – Toxic to aquatic organisms: $(M \times 10 \times \text{Chronic Category } 1) + \text{Chronic Category } 2 \geq 25\% = 127.65 \geq 25 \Rightarrow$
Hazardous to the aquatic environment — Chronic Category 2

Ingredient toxicity – Aquatic toxicity:

Ingredient / CAS No.	Endpoint	Value	Species
Benzyl Benzoate (IUPAC: BENZYL BENZOATE) 120-51-4	EC50/72H	311	Aquatic algae and cyanobacteria
Benzyl Benzoate (IUPAC: BENZYL BENZOATE) 120-51-4	LC50/96H	2.32 mg/l	Fish
Benzyl Benzoate (IUPAC: BENZYL BENZOATE) 120-51-4	EC50/24H	4.26 mg/l	Fish
Benzyl Benzoate (IUPAC: BENZYL BENZOATE) 120-51-4	LC50/48H	7.77 mg/l	Aquatic invertebrates
Benzyl Benzoate (IUPAC: BENZYL BENZOATE) 120-51-4	EC50/48H	3.09 mg/l	Aquatic invertebrates
Benzyl Benzoate (IUPAC: BENZYL BENZOATE) 120-51-4	LC50/24H	11 mg/l	Aquatic invertebrates
Musk 50 IPM (IUPAC: 4,6,6,7,8,8-H EXAMETHYL-1H,3H,4H,6H,7H,8H-INDENO[5,6-C]PYRAN) 1222-05-5	EC50/72H	854 µg/L	Aquatic algae and cyanobacteria

Ingredient / CAS No.	Endpoint	Value	Species
Musk 50 IPM (IUPAC: 4,6,6,7,8,8-H EXAMETHYL-1H,3H,4H,6H,7H,8H-INDENO[5,6-C]PYRAN) 1222-05-5	LC50/96H	950 µg/L	Fish
Musk 50 IPM (IUPAC: 4,6,6,7,8,8-H EXAMETHYL-1H,3H,4H,6H,7H,8H-INDENO[5,6-C]PYRAN) 1222-05-5	EC50/48H	300 µg/L	Aquatic invertebrates
Dihydromyrcenol (Myrcetol) (IUPAC: 2,6-DIMETHYLOCT-7-EN-2-OL) 18479-58-8	EC50/72H	6 485	Algae
Dihydromyrcenol (Myrcetol) (IUPAC: 2,6-DIMETHYLOCT-7-EN-2-OL) 18479-58-8	EC50/48H	9.1 mg/l	Aquatic invertebrates
Linalool (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-OL) 78-70-6	EC50/96H	122.5 mg/l	Algae
Linalool (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-OL) 78-70-6	LC50/96H	27.8 mg/l	Fish
Linalool (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-OL) 78-70-6	LC50/48H	27.8 mg/l	Fish
Linalool (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-OL) 78-70-6	LC50/72H	27.8 mg/l	Fish
Linalool (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-OL) 78-70-6	EC50/96H	59 mg/l	Aquatic invertebrates
Hexyl Cinnamic Aldehyde Alpha (IUPAC: (2E)-2-(PHENYLMETHYLDENE)OCTANAL) 101-86-0 / 165184-98-5	EC50/72H	65	Algae
Hexyl Cinnamic Aldehyde Alpha (IUPAC: (2E)-2-(PHENYLMETHYLDENE)OCTANAL) 101-86-0 / 165184-98-5	LC50/96H	1.7 mg/l	Fish
Hexyl Cinnamic Aldehyde Alpha (IUPAC: (2E)-2-(PHENYLMETHYLDENE)OCTANAL) 101-86-0 / 165184-98-5	EC50/48H	475	Aquatic invertebrates
Citronellol (IUPAC: 3,7-DIMETHYLOCT-6-EN-1-OL) 106-22-9	EC50/72H	2.4 mg/l	Aquatic algae and cyanobacteria
Citronellol (IUPAC: 3,7-DIMETHYLOCT-6-EN-1-OL) 106-22-9	EC50/72H	2.4 mg/l	Algae
Citronellol (IUPAC: 3,7-DIMETHYLOCT-6-EN-1-OL) 106-22-9	LC50/96H	14.66 mg/l	Fish
Citronellol (IUPAC: 3,7-DIMETHYLOCT-6-EN-1-OL) 106-22-9	LC50/96H	14.66 mg/l	Fish
Citronellol (IUPAC: 3,7-DIMETHYLOCT-6-EN-1-OL) 106-22-9	EC50/48H	17.48 mg/l	Aquatic invertebrates
Citronellol (IUPAC: 3,7-DIMETHYLOCT-6-EN-1-OL) 106-22-9	EC50/48H	17.48 mg/l	Aquatic invertebrates
Ionone Beta (IUPAC: (3E)-4-(2,6,6-T RIMETHYLCYCLOHEX-1-EN-1-YL) BUT-3-EN-2-ONE) 14901-07-6 / 79-77-6	EC50/72H	21.15 mg/l	Aquatic algae and cyanobacteria
Ionone Beta (IUPAC: (3E)-4-(2,6,6-T RIMETHYLCYCLOHEX-1-EN-1-YL) BUT-3-EN-2-ONE) 14901-07-6 / 79-77-6	LC50/96H	5.09 mg/l	Fish
Ionone Beta (IUPAC: (3E)-4-(2,6,6-T RIMETHYLCYCLOHEX-1-EN-1-YL) BUT-3-EN-2-ONE) 14901-07-6 / 79-77-6	EC50/96H	4.71 mg/l	Fish
Ionone Beta (IUPAC: (3E)-4-(2,6,6-T RIMETHYLCYCLOHEX-1-EN-1-YL) BUT-3-EN-2-ONE) 14901-07-6 / 79-77-6	EC50/48H	4.03 mg/l	Aquatic invertebrates

Ingredient / CAS No.	Endpoint	Value	Species
Eucalyptus Globulus, 80% (IUPAC: ESSENTIAL OIL EUCALYPTUS GLOBULUS - EUCALYPTUS GLOBULUS LEAF OIL) 8000-48-4	EC50/48H	494 µg/L	Aquatic algae and cyanobacteria
Eucalyptus Globulus, 80% (IUPAC: ESSENTIAL OIL EUCALYPTUS GLOBULUS - EUCALYPTUS GLOBULUS LEAF OIL) 8000-48-4	EC50/96H	74 mg/l	Aquatic algae and cyanobacteria
Eucalyptus Globulus, 80% (IUPAC: ESSENTIAL OIL EUCALYPTUS GLOBULUS - EUCALYPTUS GLOBULUS LEAF OIL) 8000-48-4	LC50/96H	57 000 µg/L	Fish
Eucalyptus Globulus, 80% (IUPAC: ESSENTIAL OIL EUCALYPTUS GLOBULUS - EUCALYPTUS GLOBULUS LEAF OIL) 8000-48-4	EC50/96H	179 mg/l	Fish
Eucalyptus Globulus, 80% (IUPAC: ESSENTIAL OIL EUCALYPTUS GLOBULUS - EUCALYPTUS GLOBULUS LEAF OIL) 8000-48-4	EC50/48H	100 000 µg/L	Aquatic invertebrates
Musk Ketone (IUPAC: 1-(4-TERT-BUTYL-2,6-DIMETHYL-3,5-DINITROPHENYL)ETHAN-1-ONE) 81-14-1	EC50/72H	118 µg/L	Aquatic algae and cyanobacteria
Musk Ketone (IUPAC: 1-(4-TERT-BUTYL-2,6-DIMETHYL-3,5-DINITROPHENYL)ETHAN-1-ONE) 81-14-1	LC50/96H	385 µg/L	Fish
Musk Ketone (IUPAC: 1-(4-TERT-BUTYL-2,6-DIMETHYL-3,5-DINITROPHENYL)ETHAN-1-ONE) 81-14-1	LC50/72H	385 µg/L	Fish
Musk Ketone (IUPAC: 1-(4-TERT-BUTYL-2,6-DIMETHYL-3,5-DINITROPHENYL)ETHAN-1-ONE) 81-14-1	LC50/48H	385 µg/L	Fish
Musk Ketone (IUPAC: 1-(4-TERT-BUTYL-2,6-DIMETHYL-3,5-DINITROPHENYL)ETHAN-1-ONE) 81-14-1	LC50/24H	385 µg/L	Fish
Musk Ketone (IUPAC: 1-(4-TERT-BUTYL-2,6-DIMETHYL-3,5-DINITROPHENYL)ETHAN-1-ONE) 81-14-1	EC50/48H	432 µg/L	Aquatic invertebrates
Musk Ketone (IUPAC: 1-(4-TERT-BUTYL-2,6-DIMETHYL-3,5-DINITROPHENYL)ETHAN-1-ONE) 81-14-1	EC50/24H	432 µg/L	Aquatic invertebrates
Anethol (IUPAC: 1-METHOXY-4-[(1E)-PROP-1-EN-1-YL]BENZENE) 4180-23-8	LC50/96H	7 mg/l	Fish
Anethol (IUPAC: 1-METHOXY-4-[(1E)-PROP-1-EN-1-YL]BENZENE) 4180-23-8	LC50/48H	6.82 mg/l	Aquatic invertebrates
Anethol (IUPAC: 1-METHOXY-4-[(1E)-PROP-1-EN-1-YL]BENZENE) 4180-23-8	EC50/48H	4.25 mg/l	Aquatic invertebrates
Anethol (IUPAC: 1-METHOXY-4-[(1E)-PROP-1-EN-1-YL]BENZENE) 4180-23-8	EC50/21days	2.81 mg/l	Aquatic invertebrates
Isoamyl Acetate (IUPAC: 3-METHYLBUTYL ACETATE) 123-92-2	LC50/96H	34 mg/l	Fish
Isoamyl Acetate (IUPAC: 3-METHYLBUTYL ACETATE) 123-92-2	EC50/48H	42 mg/l	Aquatic invertebrates
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE) 5989-27-5 / 8028-48-6	EC50/72H	320 mg/l	Aquatic algae and cyanobacteria
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE) 5989-27-5 / 8028-48-6	EC50/48H	250 mg/l	Aquatic algae and cyanobacteria
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE) 5989-27-5 / 8028-48-6	EC50/48H	250	Algae

Ingredient / CAS No.	Endpoint	Value	Species
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE) 5989-27-5 / 8028-48-6	LC50/96H	590 mg/l	Fish
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE) 5989-27-5 / 8028-48-6	EC50/96H	695	Fish
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE) 5989-27-5 / 8028-48-6	LC50/96H	720 mg/l	Fish
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE) 5989-27-5 / 8028-48-6	EC50/96H	702 mg/l	Fish
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE) 5989-27-5 / 8028-48-6	EC50/48H	408.5 mg/l	Aquatic invertebrates
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE) 5989-27-5 / 8028-48-6	EC50/48H	510 mg/l	Aquatic invertebrates
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE) 5989-27-5 / 8028-48-6	EC50/24H	840 mg/l	Aquatic invertebrates
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE) 5989-27-5 / 8028-48-6	EC50/21days	188 mg/l	Aquatic invertebrates
Ethyl Acetate (IUPAC: ETHYL ACETATE) 141-78-6	EC50/48H	5.6 g/l	Algae
Ethyl Acetate (IUPAC: ETHYL ACETATE) 141-78-6	LC50/96H	230 mg/l	Fish
Ethyl Acetate (IUPAC: ETHYL ACETATE) 141-78-6	EC50/96H	220 mg/l	Fish
Eucalyptol (IUPAC: 1,3,3-TRIMETHYL-2-OXABICYCLO[2.2.2]OCTANE) 470-82-6	EC50/72H	74 mg/l	Algae
Eucalyptol (IUPAC: 1,3,3-TRIMETHYL-2-OXABICYCLO[2.2.2]OCTANE) 470-82-6	EC50/96H	87 mg/l	Algae
Eucalyptol (IUPAC: 1,3,3-TRIMETHYL-2-OXABICYCLO[2.2.2]OCTANE) 470-82-6	LC50/96H	57 mg/l	Fish
Eucalyptol (IUPAC: 1,3,3-TRIMETHYL-2-OXABICYCLO[2.2.2]OCTANE) 470-82-6	EC50/48H	100 mg/l	Aquatic invertebrates
Pinene Beta (IUPAC: 6,6-DIMETHYL-2-METHYLENEBICYCLO[3.1.1]HEPTANE) 127-91-3	LC50/72H	700	Algae
Pinene Beta (IUPAC: 6,6-DIMETHYL-2-METHYLENEBICYCLO[3.1.1]HEPTANE) 127-91-3	EC50/72H	700	Algae
Pinene Beta (IUPAC: 6,6-DIMETHYL-2-METHYLENEBICYCLO[3.1.1]HEPTANE) 127-91-3	LC50/48H	826	Algae
Pinene Beta (IUPAC: 6,6-DIMETHYL-2-METHYLENEBICYCLO[3.1.1]HEPTANE) 127-91-3	LC50/96H	591	Fish
Pinene Beta (IUPAC: 6,6-DIMETHYL-2-METHYLENEBICYCLO[3.1.1]HEPTANE) 127-91-3	EC50/96H	502	Fish
Pinene Beta (IUPAC: 6,6-DIMETHYL-2-METHYLENEBICYCLO[3.1.1]HEPTANE) 127-91-3	LC50/96H	0.502 mg/l	Fish (Pimephales promelas)
Pinene Beta (IUPAC: 6,6-DIMETHYL-2-METHYLENEBICYCLO[3.1.1]HEPTANE) 127-91-3	LC50/48H	1.09 mg/l	Aquatic invertebrates
Pinene Beta (IUPAC: 6,6-DIMETHYL-2-METHYLENEBICYCLO[3.1.1]HEPTANE) 127-91-3	EC50/48H	1.25 mg/l	Aquatic invertebrates
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE) 118-58-1	EC50/72H	1.29 mg/l	Aquatic algae and cyanobacteria

Ingredient / CAS No.	Endpoint	Value	Species
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE) 118-58-1	LC50/96H	1.03 mg/l	Fish
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE) 118-58-1	LC50/48H	2.25 mg/l	Aquatic invertebrates
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE) 118-58-1	EC50/48H	1.16 mg/l	Aquatic invertebrates
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE) 118-58-1	LC50/24H	4.34 mg/l	Aquatic invertebrates
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE) 118-58-1	EC50/24H	1.21 mg/l	Aquatic invertebrates
Vertenex (PTBCH Acetate) (IUPAC: 4-TERT-BUTYLCYCLOHEXYL ACETATE) 32210-23-4	EC50/72H	22 mg/l	Algae
Vertenex (PTBCH Acetate) (IUPAC: 4-TERT-BUTYLCYCLOHEXYL ACETATE) 32210-23-4	LC50/96H	8.6 mg/l	Fish
Vertenex (PTBCH Acetate) (IUPAC: 4-TERT-BUTYLCYCLOHEXYL ACETATE) 32210-23-4	EC50/48H	5.3 mg/l	Aquatic invertebrates
Guaiacwood Acetate (IUPAC: BULNESIA SARMIENTI, EXT., ACETATE) 61789-17-1 / 94333-88-7 / 613-70-7	EC50/72H	310	Aquatic algae and cyanobacteria
Guaiacwood Acetate (IUPAC: BULNESIA SARMIENTI, EXT., ACETATE) 61789-17-1 / 94333-88-7 / 613-70-7	EC50/48H	330	Aquatic invertebrates
Damascone Beta (IUPAC: (2E)-1-(2, 6,6-TRIMETHYLCYCLOHEX-1-EN-1-YL)BUT-2-EN-1-ONE) 35044-68-9 / 23726-91-2	EC50/72H	8.8 mg/l	Algae
Damascone Beta (IUPAC: (2E)-1-(2, 6,6-TRIMETHYLCYCLOHEX-1-EN-1-YL)BUT-2-EN-1-ONE) 35044-68-9 / 23726-91-2	EC50/72H	8.8 mg/l	Aquatic algae and cyanobacteria
Damascone Beta (IUPAC: (2E)-1-(2, 6,6-TRIMETHYLCYCLOHEX-1-EN-1-YL)BUT-2-EN-1-ONE) 35044-68-9 / 23726-91-2	EC50/48H	9.5 mg/l	Aquatic invertebrates
Helional (Helioven) (IUPAC: 3-(2H-1,3-BENZODIOXOL-5-YL)-2-METHY LPROPANAL) 1205-17-0	EC50/72H	14 mg/l	Aquatic algae and cyanobacteria
Helional (Helioven) (IUPAC: 3-(2H-1,3-BENZODIOXOL-5-YL)-2-METHY LPROPANAL) 1205-17-0	EC50/48H	8.3 mg/l	Aquatic invertebrates
Helional (Helioven) (IUPAC: 3-(2H-1,3-BENZODIOXOL-5-YL)-2-METHY LPROPANAL) 1205-17-0	EC50/24H	17 mg/l	Aquatic invertebrates
Isoamyl Alcohol 123-51-3	EC50/72H	500 mg/l	Aquatic algae and cyanobacteria
Isoamyl Alcohol 123-51-3	EC50/96H	274 mg/l	Aquatic algae and cyanobacteria
Isoamyl Alcohol 123-51-3	LC50/96H	700 mg/l	Fish
Isoamyl Alcohol 123-51-3	EC50/48H	341.21 mg/l	Aquatic invertebrates
Isoamyl Alcohol 123-51-3	EC50/24H	320 mg/l	Aquatic invertebrates

12.2. Persistence and degradability

May have long-term adverse effects on the aquatic environment.

Biodegradability and elimination assessment: No data available.

12.3. Bioaccumulative potential

No further relevant information available. Low potential for bioaccumulation (log Pow calculated = 0).

Chemical name	CAS No.	Partition coefficient
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12.4. Mobility in soil

The product is partially water-soluble. Adsorbs to soil and has low mobility.

General notes: Wastewater containing this product must not be discharged into water bodies without prior treatment.

12.5. Results of PBT and vPvB assessment

This mixture does not contain substances that fulfil the PBT or vPvB criteria of Annex XIII of the REACH Regulation.

12.6. Endocrine disrupting properties

Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE), Musk 50 IPM (IUPAC: 4,6,6,7,8,8-HEXAMETHYL-1H,3H,4H,6H,7H,8H-INDENO[5,6-C]PYRAN)

12.7. Other adverse effects

Greenhouse potential: Cannot contribute to the greenhouse effect.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of in accordance with local and national regulations.

Product residues: Do not dispose of empty packaging with household waste. Containers can be recycled. Treat product residues, impregnated cloths and non-empty packaging as special waste.

Additional warning: None.

European waste catalogue: Hazardous waste pursuant to Directive 91/689/EEC shall be disposed of in an official depot for chemical waste, recognising a waste code pursuant to Commission Decision 2000/532/EC.

Local legislation: Disposal should be carried out in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

EWC Code	Description
07	Wastes from organic chemical processes
07 07	Wastes from the MFSU of fine chemicals and chemical products, n.e.c.
07 07 99	Wastes not otherwise specified

Contaminated packaging: Do not dispose of empty packaging with household waste. Containers can be recycled. Treat product residues, impregnated cloths and non-empty packaging as special waste.

Recommendation: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN 3082

14.2. UN proper shipping name

UN 3082 Environmentally hazardous substance, liquid, N.O.S.

14.3. Transport hazard class(es)

ADR, IATA, IMDG

Class: 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. Maritime transport in bulk according to IMO instruments

Not applicable. Packaged liquids are not considered bulk liquids.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific to 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.

Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on REACH.

Information on restrictions on use:

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

Directive 92/85/EC on the safety and health of pregnant workers at work must be observed.

15.2. Chemical safety assessment

Not applicable.

SECTION 16: OTHER INFORMATION

Full text of classifications referred to in Sections 2 and 3, including the hazard designation, hazard symbols and hazard statements:

H225 – Highly flammable liquid and vapour.

H226 – Flammable liquid and vapour.

H302 – Harmful if swallowed.

H304 – May be fatal if swallowed and enters airways.

H315 – Causes skin irritation.

H317 – May cause an allergic skin reaction.

H318 – Causes serious eye damage.

H319 – Causes serious eye irritation.

H332 – Harmful if inhaled.

H335 – May cause respiratory irritation.

H336 – May cause drowsiness or dizziness.

H351 – Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H361 – Suspected of damaging fertility or the unborn child (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H400 – Very toxic to aquatic life.

H410 – Very toxic to aquatic life with long lasting effects.

H411 – Toxic to aquatic life with long lasting effects.

H412 – Harmful to aquatic life with long lasting effects.

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

P264 – Wash thoroughly after handling.

P271 – Use only outdoors or in a well-ventilated area.

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

P273 – Avoid release to the environment.

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

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

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

P501 – Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulation.

Abbreviations and acronyms:

PBT: Persistent, bioaccumulative and toxic

vPvB: Very persistent and very bioaccumulative

EC: European inventory of existing 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: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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

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