Fragrance White Patchouli 00008433

Lemo Fun SRL

MATERIAL 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.

Trade name: Fragrance White Patchouli 00008433

Product code: 00008433

UFI Code: Q0CR-K0C6-T00R-D7QN

Version No.: EN 6

Date of update: 17.09.2025

Print: 16.10.2025

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

1.1. Product identifier

MIXTURE IDENTIFICATION: Fragrance, flavour, auto cosmetology, industrial and home chemistry

Trade name: Fragrance White Patchouli 00008433

Product code: 00008433

UFI Code: Q0CR-K0C6-T00R-D7QN

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

RECOMMENDED USE:

Aromatic ingredient for household chemicals and cosmetics. Manufacturing use only, not for direct consumption as such.

USES ADVISED AGAINST:

Do not use in food.

1.3. Details of the supplier of the safety data sheet

Company: Lemo Fun SRL

Address: Nicolae Licaret 6, Bucharest, Romania

Phone: +40784943113

Email: info@shoplumanari.ro

Website: www.shoplumanari.ro

1.4. Emergency contacts

IN CASE OF INTOXICATION:

LATVIA — State fire and rescue service: (+371) 112; (+371) 113;

The national poison information center: +371 67042468;

GERMANY — International emergency number: +49 180 2273-112. Transport Emergency phone number (24 h service): +49 621 60-43333;

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

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

CZECH REPUBLIC — Klinika pracovního léka■ství VFN a 1. LF UK, Na Bojišti 1, 120 00, Praha 2: 224 91 92 93, 224 91 54 02 (nep■etržit■).

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 according to Regulation (EC) No 1272/2008 (CLP)

Product definition: Mixture

H412 — Aquatic Chronic 3

H317 — Skin Sens. 1

Please refer to Section 16 for details.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

Signal word: Warning

Hazard statements:

H412 — Harmful to aquatic life with long lasting effects.

H317 — May cause an allergic skin reaction.

Precautionary statements (Prevention and Intervention):

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.

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 data available.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Mixture of natural, nature identical and synthetic aromatic products.

3.2. Mixtures

Mixture of natural and synthetic aromatic ingredients.

Hazardous components:

Ingredient	%	CAS No.	EC No.	Index No.	REACH No.	Classification (CLP)
Mineral oil	<28%	8042-47-5	232-455-8			
Ethylene Brassylate (IUPAC: 1,4-DIOXACYCLOHEPTADECANE-5,17-DIONE)	<2.28%	105-95-3	203-347-8		01-2119976314-33-xxxx	Aquatic Chronic 3: H412

Ingredient	%	CAS No.	EC No.	Index No.	REACH No.	Classification (CLP)
Phenoxanol (IUPAC: 3-METHYL-5-PHENYLPENTAN-1-OL)	<2%	55066-48-3	259-461-3		01-2119969446-23-xxxx	Acute Tox. 4 ORAL: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319
Benzyl Acetate (IUPAC: BENZYL ACETATE)	<1.6%	140-11-4	205-399-7		01-2119638272-42-xxxx	Aquatic Chronic 3: H412
Linalyl Acetate (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-YL ACETATE)	<1.26%	115-95-7	204-116-4		01-2119454789-19-xxxx	Skin Sens. 1B: H317; Skin Irrit. 2: H315; Eye Irrit. 2: H319
Orange Oil 100% pure and natural (IUPAC: (2Z,6E)-2,6-DIMETHYL-10-METHYLIDENEDODECA-2,6,11-TRIENAL)	<1%	8008-57-9 / 8028-48-6	232-433-8		01-2119493353-35-xxxx	Aquatic Chronic 2: H411; Skin Sens. 1: H317; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Asp. Tox. 1: H304
Methyl Cedryl Ether (IUPAC: [3R-(3A,3AB,6A,7B,8AA)]-OCTAHYDRO-6-METHOXY-3,6,8,8-TETRAMETHYL-1H-3A,7-METHANOAZULENE)	<1%	67874-81-1	244-602-3			Aquatic Chronic 1: H410; Skin Sens. 1B: H317; Aquatic Acute 1: H400; ■=1
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE)	<0.84%	5989-27-5 / 8028-48-6	227-813-5	601-096-00-2	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; ■=1
Ethyl Linalool (IUPAC: (6E)-3,7-DIMETHYLNONA-1,6-DIEN-3-OL)	<0.8%	10339-55-6	233-732-6		01-2119969272-32-xxxx	Skin Sens. 1B: H317; Skin Irrit. 2: H315; Eye Irrit. 2: H319
Linalool (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-OL)	<0.7%	78-70-6	201-134-4	603-235-00-2	01-2119474016-42-xxxx	Skin Sens. 1B: H317; Skin Irrit. 2: H315; Eye Irrit. 2: H319
Cis-3-Hexenyl Salicylate (IUPAC: (3Z)-HEX-3-EN-1-YL 2-HYDROXYBENZOATE)	<0.6%	65405-77-8	265-745-8		01-2119987320-37-0001	Aquatic Acute 1: H400; Repr. 2: H361; ■=1
Coriander Seed Oil	<0.6%	8008-52-4	283-880-0		01-2120751207-58-xxxx	Aquatic Chronic 2: H411; Skin Sens. 1B: H317; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Asp. Tox. 1: H304
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)	<0.4%	118-58-1	204-262-9		01-2119969442-31-xxxx	Skin Sens. 1B: H317; Eye Irrit. 2: H319; Aquatic Chronic 3: H412
Amberwood F (Boisambrene Forte) (IUPAC: (ETHOXYMETHOXY)CYCLODODECANE)	<0.32%	58567-11-6	261-332-1		01-2119971571-34-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)	<0.27%	1205-17-0	214-881-6		01-2120740119-58-xxxx	Aquatic Chronic 2: H411; Skin Sens. 1B: H317; Repr. 2: H361
Citronellol (IUPAC: 3,7-DIMETHYLOCT-6-EN-1-OL)	<0.26%	106-22-9	203-375-0		01-2119453995-23-xxxx	Skin Sens. 1B: H317; Skin Irrit. 2: H315; Eye Irrit. 2: H319

Ingredient	%	CAS No.	EC No.	Index No.	REACH No.	Classification (CLP)
Musk 50 IPM (IUPAC: 4,6,6,7,8,8-HEXAMETHYL-1H,3H,4H,6H,7H,8H-INDENO[5,6-C]PYRAN)	<0.24%	1222-05-5	214-946-9	603-212-00-7	01-2119488227-29-xxxx	Aquatic Chronic 1: H410; Aquatic Acute 1: H400; ■ Chr=1
Allyl Heptanoate (IUPAC: PROP-2-EN-1-YL HEPTANOATE)	<0.2%	142-19-8	205-527-1		01-2119488961-23-xxxx	Aquatic Chronic 2: H411; Acute Tox. 3 SKIN: H311; Aquatic Acute 1: H400; Acute Tox. 3 ORAL: H301; ■=10
Vertenex (PTBCH Acetate) (IUPAC: 4-TERT-BUTYLCYCLOHEXYL ACETATE)	<0.2%	32210-23-4	250-954-9		01-2119976286-24-xxxx	Skin Sens. 1B: H317

SECTION 4 — FIRST-AID MEASURES

4.1. Description of first-aid measures

Inhalation:

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion:

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

Skin contact:

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

Eye contact:

Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information:

Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal 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 doctor: No specific recommendations.

SECTION 5 — FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

Extinguish with 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 actions during firefighting:

Containers close to 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 suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. No smoking, sparks, flames or other sources of ignition near spillage. See Section 13.

6.2. Environmental precautions

Environmental precautions:

Do not discharge into drains or watercourses or onto the ground.

6.4. Reference to other sections

See Sections 8 and 13.

SECTION 7 — HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions:

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing.

Advice on general occupational hygiene:

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

Storage temperature: from 0 to 30 °C.

7.3. Specific end use(s)

See Sections 1 and 2.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Additional information: Information valid at the time of review of safety data sheet.

Ingredient	CAS No.	TWA, 8 hours
Benzyl Acetate (IUPAC: BENZYL ACETATE)	140-11-4	TWA= 5* mg/m³

SECTION 8 (continued) — EXPOSURE CONTROLS

8.2. Exposure controls

ENGINEERING MEASURES:

Comply with standard precautionary measures for working with chemicals. See Directive 2004/37/EG on the protection of workers from the risks related to exposure to carcinogens or mutagens at work.

HYGIENIC MEASURES:

When using do not eat, drink or smoke.

GENERAL PROTECTIVE AND HYGIENIC MEASURES:

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

RESPIRATORY PROTECTION:

Avoid excessive inhalation of concentrated vapors. Ensure adequate ventilation. If workers are exposed to high concentrations, they must use appropriate, certified respirators. Wear suitable respiratory protection in case of large scale exposure. Suitable facemask in accordance with EN 140.

BODY PROTECTION:

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

EYE PROTECTION:

Wear appropriate safety glasses with side shields, in accordance with EN 166, when there is danger of possible eye contact. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

HYGIENE MEASURES:

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

HAND PROTECTION:

Chemical protective gloves according to DIN EN 374 with CE-labelling. Suitable material: nitrile. 0.13 mm. Indication of permeation breakthrough time: 1 hour. Check the condition of protective gloves after each use for any damages like holes, cuts or tears. Do not wear protective gloves longer than necessary. After use of gloves apply skin-cleaning agents and skin cosmetics. Gloves for mechanical protection do not provide protection against chemicals.

RISK MANAGEMENT MEASURES:

The operators shall be instructed adequately. The workplace shall be inspected regularly by competent personnel e.g. the safety representative.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Homogeneous transparent liquid; opalescence is allowed.

Colour: From colourless to brown.

Odour: Fragrance description.

Freezing point: < 0 °C.

Boiling point: No data available.

Explosion: Not explosive.

Combustibility: It does not burn.

Lower and upper explosive limits: Not explosive.

Flash point: It does not burn.

Autoignition temperature: No spontaneous combustion.

Decomposition temperature: No data available.

pH: Not stable.

Kinematic viscosity: No data available.

Solubility in alcohol: Soluble.

Solubility in water: Limited solubility.

Partition coefficient n-octanol/water (log mean): No data available.

Steam pressure: No data available.

Density, 20 °C: 0.9 – 1.6 g/cm³.

Relative vapor density: No data available.

Flammability: Non-flammable.

Part characteristics: No.

9.2. Other information: No data 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:

Under the conditions of use specified in Section 7, the product is stable.

10.3. Possibility of hazardous reactions:

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

10.4. Conditions to avoid:

Contact with incompatible materials.

10.5. Incompatible materials:

Strong acids, strong bases, strong oxidants.

10.6. Hazardous decomposition products:

No decomposition products if storage and handling conditions are followed. In case of fire, hazardous gases may form.

SECTION 11 — TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

INHALATION

Acute toxicity: Calculated ATEmix (LC50) = 46.58 mg/l. Ingredients of unknown toxicity >10%: 95.01%. Not classified.

Corrosion/irritation: Does not have any classifiable toxicity.

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

Carcinogenicity: Does not have any classifiable toxicity.

Mutagenicity: Does not have any classifiable toxicity.

SKIN CONTACT

Acute toxicity: Calculated ATEmix (LD50) = 3 123.83 mg/kg. Ingredients of unknown toxicity >10%: 62.33%. Not classified.

Corrosion/irritation: Does not have any classifiable toxicity.

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

Carcinogenicity: Does not have any classifiable toxicity.

Mutagenicity: Does not have any classifiable toxicity.

EYE CONTACT

Corrosion/irritation: Does not have any classifiable toxicity.

INGESTION

Acute toxicity: Calculated ATEmix (LD50) = 4 103.02 mg/kg. Ingredients of unknown toxicity >10%: 60.19%. Not classified.

Corrosion/irritation: Does not have any classifiable toxicity.

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

Carcinogenicity: Does not have any classifiable toxicity.

Mutagenicity: Does not have any classifiable toxicity.

Reprotoxicity: Does not have any classifiable toxicity.

Toxicological information per ingredient:

Ingredient Name	CAS No.	LD50 (oral)	LD50 (Dermal)	LC50 (Inhalation)
Ethylene Brassylate (IUPAC: 1,4-DIOXACYCLOHEPTADECANE-5,17-DIONE)	105-95-3	5 000 mg/kg	5 000 mg/kg	No data

Ingredient Name	CAS No.	LD50 (oral)	LD50 (Dermal)	LC50 (Inhalation)
Phenoxanol (IUPAC: 3-METHYL-5-PHENYLPENTAN-1-OL)	55066-48-3	1 850 mg/kg	3 100 mg/kg	No data
Benzyl Acetate (IUPAC: BENZYL ACETATE)	140-11-4	2 000 mg/kg	No data	No data
Linalyl Acetate (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-YL ACETATE)	115-95-7	9 000 mg/kg bw	5 000 mg/kg bw	No data
Orange Oil 100% pure and natural (IUPAC: (2Z,6E)-2,6-DIMETHYL-10-METHYLIDENEDODECA-2,6,11-TRIENAL)	8008-57-9 / 8028-48-6	5 000 mg/kg bw	5 000 mg/kg bw	No data
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE)	5989-27-5 / 8028-48-6	2 000 mg/kg bw	>5 mg/kg	No data
Ethyl Linalool (IUPAC: (6E)-3,7-DIMETHYLNONA-1,6-DIEN-3-OL)	10339-55-6	5 283 mg/kg bw	5 000 mg/kg	No data
Linalool (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-OL)	78-70-6	2 790 mg/kg	5 610 mg/kg	3 200 mL/kg bw
Cis-3-Hexenyl Salicylate (IUPAC: (3Z)-HEX-3-EN-1-YL 2-HYDROXYBENZOATE)	65405-77-8	3 339 mg/kg	No data	No data
Coriander Seed Oil	8008-52-4	4 130 mg/kg	No data	No data
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)	118-58-1	3 339 mg/kg	2 000 mg/kg	No data
Amberwood F (Boisambrene Forte) (IUPAC: (ETHOXYMETHOXY)CYCLODODECANE)	58567-11-6	5 000 mg/kg bw	5 000 mg/kg bw	No data
Helional (Helioven) (IUPAC: 3-(2H-1,3-BENZODIOXOL-5-YL)-2-METHYLPROPANAL)	1205-17-0	3 362 mg/kg	2 000 mg/kg	No data
Citronellol (IUPAC: 3,7-DIMETHYLOCT-6-EN-1-OL)	106-22-9	4 500 mg/kg	2 650 mg/kg	No data
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	No data	>3 250 mg/kg	No data
Allyl Heptanoate (IUPAC: PROP-2-EN-1-YL HEPTANOATE)	142-19-8	218 mg/kg	810 mg/kg	No data

SECTION 11 (continued) — TOXICOLOGICAL INFORMATION

11.2. Primary irritant effect:

Does not have any classifiable toxicity.

11.2.1. 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).

11.3. Sensitisation:

Classified as Sensitisation — Skin, hazard category 1.

11.4. Chronic effect:

Classified as Hazardous to the aquatic environment — Chronic Category 3.

11.5. Target organs:

Does not have any classifiable toxicity.

11.6. Carcinogenicity:

Does not have any classifiable toxicity.

11.7. Mutagenicity:

Does not have any classifiable toxicity.

11.8. Reprotoxicity:

Does not have any classifiable toxicity.

SECTION 12 — ECOLOGICAL INFORMATION

12.1. Toxicity

Acute: Does not have any classifiable toxicity.

Chronic: Classified as Hazardous to the aquatic environment — Chronic Category 3.

AQUATIC TOXICITY per ingredient:

Ethylene Brassylate (IUPAC: 1,4-DIOXACYCLOHEPTADECANE-5,17-DIONE) — CAS 105-95-3

LC50/96 H: 2.13 mg/l (Fish)

EC50/72H: 14.579 mg/l (Aquatic algae and cyanobacteria)

EC50/96 H: 788 (Aquatic algae and cyanobacteria)

LC50/48 H: 2.67 mg/l (Aquatic invertebrates)

Phenoxanol (IUPAC: 3-METHYL-5-PHENYLPENTAN-1-OL) — CAS 55066-48-3

LC50/96 H: 13.3 mg/l (Fish)

EC50/72H: 11 mg/l (Aquatic algae and cyanobacteria)

EC50/96 H: 12 mg/l (Aquatic algae and cyanobacteria)

EC50/48 H: 13 mg/l (Aquatic invertebrates)

EC50/24H: 20 mg/l (Aquatic invertebrates)

Benzyl Acetate (IUPAC: BENZYL ACETATE) — CAS 140-11-4

LC50/96 H: 4 mg/l (Fish)

EC50/72H: 101 mg/l (Algae)

EC50/48 H: 17 mg/l (Aquatic invertebrates)

Linalyl Acetate (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-YL ACETATE) — CAS 115-95-7

LC50/96 H: 11 mg/l (Fish)

LC50/: 11.14 mg/l (Fish)

EC50/48 H: 59 mg/l (Fish)

EC50/96 H: 88.3 mg/l (Aquatic algae and cyanobacteria)

EC50/48 H: 59 mg/l (Aquatic invertebrates)

EC50/24H: 71 mg/l (Aquatic invertebrates)

D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE) — CAS 5989-27-5 / 8028-48-6

LC50/96 H: 590 mg/l (Fish)

EC50/96 H: 695 (Fish)

LC50/96 H: 720 mg/l (Fish)

EC50/96 H: 702 mg/l (Fish)

EC50/72H: 320 mg/l (Aquatic algae and cyanobacteria)

EC50/48 H: 250 mg/l (Aquatic algae and cyanobacteria)

EC50/48 H: 250 (Algae)

EC50/48 H: 408.5 mg/l (Aquatic invertebrates)

EC50/48 H: 510 mg/l (Aquatic invertebrates)

EC50/24H: 840 mg/l (Aquatic invertebrates)

EC50/21 days: 188 mg/l (Aquatic invertebrates)

Ethyl Linalool (IUPAC: (6E)-3,7-DIMETHYLNONA-1,6-DIEN-3-OL) — CAS 10339-55-6

LC50/96 H: 24 mg/l (Fish)

LC50/72H: 24 mg/l (Fish)

LC50/48 H: 24 mg/l (Fish)

LC50/3 H: 28 mg/l (Fish)

LC50/24H: 24 mg/l (Fish)

EC50/72H: 25.1 mg/l (Aquatic algae and cyanobacteria)

EC50/48 H: 23 mg/l (Aquatic invertebrates)

EC50/24H: 59 mg/l (Aquatic invertebrates)

Linalool (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-OL) — CAS 78-70-6

LC50/96 H: 27.8 mg/l (Fish)

LC50/72H: 27.8 mg/l (Fish)

LC50/48 H: 27.8 mg/l (Fish)

EC50/96 H: 122.5 mg/l (Algae)

EC50/96 H: 59 mg/l (Aquatic invertebrates)

Cis-3-Hexenyl Salicylate (IUPAC: (3Z)-HEX-3-EN-1-YL 2-HYDROXYBENZOATE) — CAS 65405-77-8

LC50/96 H: 3.8 mg/l (Fish)

EC50/72H: 610 (Aquatic algae and cyanobacteria)

EC50/48 H: 2.7 mg/l (Aquatic invertebrates)

EC50/24H: 3.7 mg/l (Aquatic invertebrates)

Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE) — CAS 118-58-1

LC50/96 H: 1.03 mg/l (Fish)

EC50/72H: 1.29 mg/l (Aquatic algae and cyanobacteria)

LC50/48 H: 2.25 mg/l (Aquatic invertebrates)

EC50/48 H: 1.16 mg/l (Aquatic invertebrates)

LC50/24H: 4.34 mg/l (Aquatic invertebrates)

EC50/24H: 1.21 mg/l (Aquatic invertebrates)

Amberwood F (Boisambrene Forte) (IUPAC: (ETHOXYMETHOXY)CYCLODODECANE) — CAS 58567-11-6

LC50/96 H: 1.9 mg/l (Fish)

EC50/72H: 2 mg/l (Aquatic algae and cyanobacteria)

EC50/48 H: 1.6 mg/l (Aquatic invertebrates)

Helional (Helioven) (IUPAC: 3-(2H-1,3-BENZODIOXOL-5-YL)-2-METHYLPROPANAL) — CAS 1205-17-0

EC50/72H: 14 mg/l (Aquatic algae and cyanobacteria)

EC50/48 H: 8.3 mg/l (Aquatic invertebrates)

EC50/24H: 17 mg/l (Aquatic invertebrates)

Citronellol (IUPAC: 3,7-DIMETHYLOCT-6-EN-1-OL) — CAS 106-22-9

LC50/96 H: 14.66 mg/l (Fish)

EC50/72H: 2.4 mg/l (Algae)

EC50/72H: 2.4 mg/l (Aquatic algae and cyanobacteria)

EC50/48 H: 17.48 mg/l (Aquatic invertebrates)

Musk 50 IPM (IUPAC: 4,6,6,7,8,8-HEXAMETHYL-1H,3H,4H,6H,7H,8H-INDENO[5,6-C]PYRAN) — CAS 1222-05-5

LC50/96 H: 950 µg/L (Fish)

EC50/72H: 854 µg/L (Aquatic algae and cyanobacteria)

EC50/48 H: 300 µg/L (Aquatic invertebrates)

Allyl Heptanoate (IUPAC: PROP-2-EN-1-YL HEPTANOATE) — CAS 142-19-8

LC50/96 H: 117 (Fish)

LC50/72H: 117 (Fish)

LC50/48 H: 117 (Fish)

LC50/24H: 201 (Fish)

EC50/72H: 778 (Algae)

EC50/48 H: 890 (Aquatic invertebrates)

Vertenex (PTBCH Acetate) (IUPAC: 4-TERT-BUTYLCYCLOHEXYL ACETATE) — CAS 32210-23-4

LC50/96 H: 8.6 mg/l (Fish)

EC50/72H: 22 mg/l (Algae)

EC50/48 H: 5.3 mg/l (Aquatic invertebrates)

12.2. Persistence and degradability:

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

Assessment — Biodegradation and elimination: No data available.

12.3. Bioaccumulative potential:

No further relevant information available. Low potential for bioaccumulation: logPow >4 (log Pow calculated = 113.869).

Ingredient	CAS No.	Partition Coefficient
Mineral oil	8042-47-5	0.6748

SECTION 12 (continued) — ECOLOGICAL INFORMATION

12.4. Mobility in soil:

No data available.

12.5. Results of PBT and vPvB assessment:

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

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:

Global Warming Potential: Does not 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 pour residues into the municipal sewage system.

Additional warning: None.

European waste catalogue:

Dispose of according to directives: 2008/98/ES; 94/62/ES; 2014/955/EU; 2008/98/ES.

EWC Code	Description
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 by hazardous substances

SECTION 13 (continued) — DISPOSAL CONSIDERATIONS

CONTAMINATED PACKAGING:

Hand over the packaging left after use to the person responsible for the disposal of hazardous 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

Danger label: 9

14.4. Packing group — ADR, IATA, IMDG:

III

14.5. Environmental hazards:

MARINE POLLUTANT: Yes

14.6. Special precautions for user:

Read MSDS and emergency procedures before handling.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Not established. Packaged liquids are not considered bulk.

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.

Directive 2008/98/EC of the European Parliament and of the Council on waste and on the repeal of certain Directives.

Directive 94/62/EC of the European Parliament and of the Council on packaging and packaging waste.

Commission Decision 2014/955/EU amending Decision 2000/532/EC on the list of wastes pursuant to Directive of the European Parliament and of the Council 2008/98/EC (EU Waste Catalogue).

INFORMATION ABOUT LIMITATION OF USE:

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

Take note of Directive 92/85/EC on the safety and health of pregnant women at work.

15.2. Chemical safety assessment:

Not applicable.

SECTION 16 — OTHER INFORMATION

Full text of classifications, including the indication of danger, the hazard symbols and the hazard statements, mentioned in Section 2 or 3.

Revisions are mentioned by a black stroke in the left margin.

ABBREVIATIONS AND ACRONYMS:

PBT: Persistent, bioaccumulative, toxic

vPvB: Very persistent, 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

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

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 Bulk Chemical Code

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

DNEL: Derived No-Effect Level

PNEC: Predicted No-Effect Concentration

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