

Fragrance Fireplace 00015356

Lemo Fun SRL



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form: Mixture

Trade name: Fragrance Fireplace 00015356

UFI: UCHC-J1SG-700W-VD09

Product code: 00015356

Type of product: Perfumes, fragrances

Product group: Trade product

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

Relevant identified uses

Main use category: Professional use, Industrial use

Industrial/Professional use spec: For professional use only

Industrial

Use of the substance/mixture: Perfumes, fragrances

Function or use category: Odour agents

1.3. Details of the supplier of the safety data sheet

Lemo Fun SRL

Nicolae Licaret 6, Bucharest, Romania

Phone: +40784943113

Email: info@shoplumanari.ro

Website: www.shoplumanari.ro

1.4. Emergency telephone number

Emergency number: 1-800-255-3924; +01-813-248-0585; China: +400-120-0751; Mexico: +01-800-099-0731; Brazil: +0-800-591-6042; India: +000-800-100-4086

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 1 — H314

Skin sensitisation, Category 1 — H317

Aspiration hazard, Category 1 — H304

Hazardous to the aquatic environment – Chronic Hazard, Category 2 — H411

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects. May cause an allergic skin reaction.

2.2. Label elements

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

Hazard pictograms (CLP): GHS05, GHS07, GHS08, GHS09

Signal word (CLP): Danger

Contains: CUPRESSUS FUNEBRIS WOOD OIL; Cedryl acetate; Cedarwood oil, Virginia; 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone; Vertofix; Eugenol; Cinnamic aldehyde; Cedar leaf oil; COUMARIN; Lemon oil; Cinnamalva; Linalool

Hazard statements (CLP):

H304 - May be fatal if swallowed and enters airways.

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP):

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P264 - Wash hands, forearms and face thoroughly after handling.

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/hearing protection.

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Full text of H- and EUH-statements: see section 16.

Specific concentration limits are listed in the table below.

Ingredient	%	CAS No.	EC No.	EC Index No.	REACH No.	Classification (CLP)
benzyl benzoate	5.4 – 10.7	120-51-4	204-402-9	607-085-00-9	01-2119976371-33	Acute Tox. 4 (Oral), H302; Aquatic Acute 1, H400; Aquatic Chronic 2, H411
CUPRESSUS FUNEBRIS WOOD OIL	3.5 – 7	85085-29-6	285-360-9			Skin Corr. 1, H314; Skin Sens. 1, H317; Asp. Tox. 1, H304; Aquatic Chronic 2, H411
Cedryl acetate	3 – 6	77-54-3	201-036-1			Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1B, H317

Ingredient	%	CAS No.	EC No.	EC Index No.	REACH No.	Classification (CLP)
Cedarwood oil, Virginia	1.8 – 3.5	8000-27-9	285-370-3			Asp. Tox. 1, H304; Aquatic Chronic 1, H410
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	1.8 – 3.5	54464-57-2	259-174-3		01-2119489989-04	Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 1, H410
Sandal Mysore Core	1.1 – 2.1	28219-60-5	248-907-2			Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Vanillin	0.8550095 – 1.7820198	121-33-5	204-465-2		01-2119516040-60	Eye Irrit. 2, H319
Vertofix	0.6 – 1.25	32388-55-9	251-020-3		01-2119969651-28	Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Eugenol	0.5 – 1	97-53-0	202-589-1		01-2119971802-33	Acute Tox. 4 (Oral), H302; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Cinnamic aldehyde	0.5 – 1	104-55-2	203-213-9	606-155-00-6	01-2119935242-45	Acute Tox. 4 (Dermal), H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1A, H317; Aquatic Chronic 3, H412
Cedar leaf oil	0.2 – 0.35	8007-20-3	290-370-1		01-2120763401-62	Flam. Liq. 3, H226; Acute Tox. 4 (Oral), H302; Eye Irrit. 2, H319; Skin Sens. 1, H317; Asp. Tox. 1, H304; Aquatic Chronic 2, H411
COUMARIN	0.1 – 0.25	91-64-5	202-086-7		01-2119943756-26	Acute Tox. 4 (Oral), H302; Skin Sens. 1B, H317
Camphene	0.1 – 0.15	79-92-5	201-234-8			Flam. Sol. 2, H228; Eye Irrit. 2, H319; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Citrus medica limonum (Lemon) peel oil	0.1 – 0.15	8008-56-8	284-515-8			Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317; Repr. 2, H361; Aquatic Acute 1, H400; Aquatic Chronic 2, H411
Cinnamalva	0.1 – 0.1	1885-38-7	217-552-5			Acute Tox. 3 (Oral), H301; Acute Tox. 4 (Dermal), H312; Acute Tox. 4 (Inhalation), H332; Skin Sens. 1B, H317
Allyl heptanoate	0.1 – 0.1	142-19-8	205-527-1		01-2119488961-23	Acute Tox. 3 (Oral), H301; Acute Tox. 3 (Dermal), H311; Acute Tox. 3 (Inhalation), H331; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 3, H412

Ingredient	%	CAS No.	EC No.	EC Index No.	REACH No.	Classification (CLP)
Linalool	0.1 – 0.1	78-70-6	201-134-4	603-235-00-2	01-2119474016-42	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Ethyl acetoacetate (substance with national workplace exposure limit(s) (RO))	0.1 – 0.1	141-97-9	205-516-1			Not classified
Dipropylene glycol monomethyl ether (substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, NO, CH, TR); substance with a Community workplace exposure limit)	0.000254 – 0.000508	34590-94-8	252-104-2			Not classified
Toluene (substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, NO, CH, TR); substance with a Community workplace exposure limit)	≤ 0.000006	108-88-3	203-625-9	601-021-00-3		Not classified

Ingredient	CAS No.	EC No.	EC Index No.	REACH No.	Specific Concentration Limits (%)
Cinnamic aldehyde	104-55-2	203-213-9	606-155-00-6	01-2119935242-45	(0.001 < C < 0.01) EUH208; (0.01 ≤ C < 0.1) Skin Sens. 1; H317; (0.1 ≤ C < 100) Skin Sens. 1A; H317

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a physician immediately.

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Get medical advice/attention on this label). If skin irritation occurs: Get medical advice/attention. Wash with plenty of water/.... Get medical advice/attention. Wash contaminated clothing before reuse. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects: Suspected of damaging fertility or the unborn child. Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after skin contact: May cause an allergic skin reaction.

Symptoms/effects after ingestion: Risk of lung oedema.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Sand. Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire: Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures: Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures: Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment: Collect spillage.

Methods for cleaning up: Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Other information: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

Hygiene measures: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store locked up. Store in a well-ventilated place. Keep cool.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition. Direct sunlight.

Storage temperature: 25 °C

Storage area: Store in a well-ventilated place. Store away from heat.

Special rules on packaging: Store in a closed container.

Packaging materials: Do not store in corrodable metal.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

8.2. Exposure controls

Appropriate engineering controls: Ensure good ventilation of the work station.

Personal protective equipment: Avoid all unnecessary exposure.

Eye and face protection: Chemical goggles or safety glasses. Safety glasses.

Skin and body protection: Wear suitable protective clothing.

Hand protection: Protective gloves. Wear protective gloves.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate mask.

Environmental exposure controls: Avoid release to the environment.

Other information: Do not eat, drink or smoke during use.

Substance	Limit type	Value (mg/m³)	Value (ppm)	Remarks
Dipropylene glycol monomethyl ether (34590-94-8)	EU IOEL TWA	308	50	Possibility of significant uptake through the skin
Dipropylene glycol monomethyl ether (34590-94-8)	Ireland OEL TWA	308 ((2-Methoxymethylethoxy)propanol)	50 ((2-Methoxymethylethoxy)propanol)	Potential for cutaneous absorption
Dipropylene glycol monomethyl ether (34590-94-8)	Ireland OEL STEL	924 (calculated (2-(2-Methoxypropoxy)-1-propanol))	150 (calculated (2-(2-Methoxypropoxy)-1-propanol))	
Toluene (108-88-3)	EU IOEL TWA	192	50	Possibility of significant uptake through the skin
Toluene (108-88-3)	EU IOEL STEL	384	100	
Toluene (108-88-3)	Ireland OEL TWA	192	50	Potential for cutaneous absorption
Toluene (108-88-3)	Ireland OEL STEL	384	100	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Property	Value
Physical state	Liquid
Colour	Conforms to standard.

Property	Value
Odour	characteristic.
Odour threshold	Not available
Melting point	Not applicable
Freezing point	Not available
Boiling point	Not available
Flammability	Not applicable
Lower explosion limit	Not available
Upper explosion limit	Not available
Flash point	> 93 °C
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH	Not available
Viscosity, kinematic	Not available
Solubility	Not available
Partition coefficient n-octanol/water (Log Kow)	Not available
Vapour pressure	0.000296716 mm Hg (calculated value)
Vapour pressure at 50°C	Not available
Density	Not available
Relative density	≈ 0.95
Relative vapour density at 20°C	Not available
Particle characteristics	Not applicable

SECTION 9 (continued): Other information

9.2. Other information

Other safety characteristics

VOC content: 1.201574 % (calculated value)(CARB VOC) (%w/w)

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions. Not established.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Not established.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral): Not classified

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified

Skin corrosion/irritation: Causes severe skin burns.

Serious eye damage/irritation: Assumed to cause serious eye damage.

Respiratory or skin sensitisation: May cause an allergic skin reaction.

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: May be fatal if swallowed and enters airways.

Carcinogenicity data:

Eugenol (97-53-0): IARC group 3 - Not classifiable

COUMARIN (91-64-5): IARC group 3 - Not classifiable

Toluene (108-88-3): IARC group 3 - Not classifiable

Viscosity / Hydrocarbon data:

benzyl benzoate (120-51-4): Viscosity, kinematic 7.456 mm²/s

Toluene (108-88-3): Hydrocarbon Yes

Camphene (79-92-5): Hydrocarbon Yes

11.2. Information on other hazards

Potential adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

Substance	Test	Result	Source
benzyl benzoate (120-51-4)	LD50 oral rat	> 2000 mg/kg	ECHA_API
benzyl benzoate (120-51-4)	LD50 oral	1160 mg/kg bodyweight	
benzyl benzoate (120-51-4)	LD50 dermal rabbit	4000 mg/kg	NLM_CIP
Cedryl acetate (77-54-3)	LD50 oral rat	44750 mg/kg	NLM_CIP
Cedarwood oil, Virginia (8000-27-9)	LD50 oral rat	> 5 g/kg	NLM_CIP
Vanillin (121-33-5)	LD50 dermal rabbit	> 5010 mg/kg	OECD_SIDS
Vanillin (121-33-5)	LD50 dermal	2600 mg/kg bodyweight	
Vertofix (32388-55-9)	LD50 oral	4500 mg/kg bodyweight	
Vertofix (32388-55-9)	LD50 dermal rabbit	> 5000 mg/kg	ECHA_API
Eugenol (97-53-0)	LD50 oral rat	1930 mg/kg	NZ_CCID
Eugenol (97-53-0)	LD50 oral	2500 mg/kg bodyweight	
Eugenol (97-53-0)	LC50 Inhalation - Rat	> 2.58 mg/l/4h	
Cinnamic aldehyde (104-55-2)	LD50 oral rat	2220 mg/kg	NLM_CIP
Cinnamic aldehyde (104-55-2)	LD50 oral	2220 mg/kg	
Cinnamic aldehyde (104-55-2)	LD50 dermal rabbit	1260 mg/kg	EPA_HP
Cinnamic aldehyde (104-55-2)	LD50 dermal	1260 mg/kg	
Cedar leaf oil (8007-20-3)	LD50 oral rat	830 mg/kg	NLM_CIP
Cedar leaf oil (8007-20-3)	LD50 oral	830 mg/kg	
Cedar leaf oil (8007-20-3)	LD50 dermal	4100 mg/kg	
COUMARIN (91-64-5)	LD50 oral rat	> 5000 mg/kg	JAPAN_GHS
COUMARIN (91-64-5)	LD50 dermal rat	293 mg/kg	ECHA_API
Dipropylene glycol monomethyl ether (34590-94-8)	LD50 oral rat	5.35 g/kg	NLM_HSDB
Dipropylene glycol monomethyl ether (34590-94-8)	LD50 dermal rabbit	9500 mg/kg	NLM_CIP
Toluene (108-88-3)	LD50 oral rat	2600 mg/kg	JAPAN_GHS
Toluene (108-88-3)	LD50 dermal rabbit	12000 mg/kg	JAPAN_GHS
Toluene (108-88-3)	LC50 Inhalation - Rat	12.5 mg/l/4h	
Camphene (79-92-5)	LD50 oral rat	5600 mg/kg	

Substance	Test	Result	Source
Camphene (79-92-5)	LD50 dermal rabbit	> 5000 mg/kg	
Citrus medica limonum (Lemon) peel oil (8008-56-8)	LD50 oral rat	2840 mg/kg	NLM_CIP
Cinnamalva (1885-38-7)	LD50 oral	100 mg/kg bodyweight	
Cinnamalva (1885-38-7)	LD50 dermal	1100 mg/kg bodyweight	
Cinnamalva (1885-38-7)	LC50 Inhalation - Rat (Dust/Mist)	1.5 mg/l/4h	
Allyl heptanoate (142-19-8)	LD50 oral rat	500 mg/kg	NLM_CIP
Allyl heptanoate (142-19-8)	LD50 oral	218 mg/kg	
Allyl heptanoate (142-19-8)	LD50 dermal rabbit	810 mg/kg	ECHA_API
Allyl heptanoate (142-19-8)	LD50 dermal	810 mg/kg	
Linalool (78-70-6)	LD50 oral rat	2790 mg/kg	NLM_CIP
Linalool (78-70-6)	LD50 oral	2790 mg/kg	
Linalool (78-70-6)	LD50 dermal rabbit	5610 mg/kg	ECHA_API
Ethyl acetoacetate (141-97-9)	LD50 oral rat	3980 mg/kg	NLM_CIP
Ethyl acetoacetate (141-97-9)	LD50 dermal rabbit	> 5000 mg/kg	NLM_CIP

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general: Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute): Not classified.

Hazardous to the aquatic environment, long-term (chronic): Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Fragrance Fireplace 00015356: Persistence and degradability — Not established.

benzyl benzoate (120-51-4): May cause long-term adverse effects in the environment.

CUPRESSUS FUNEBRIS WOOD OIL (85085-29-6): Rapidly degradable

Cedryl acetate (77-54-3): Rapidly degradable

Cedarwood oil, Virginia (8000-27-9): Rapidly degradable

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2): Rapidly degradable

Sandal Mysore Core (28219-60-5): Rapidly degradable

Vanillin (121-33-5): Not established.

Vertofix (32388-55-9): Rapidly degradable

Eugenol (97-53-0): Rapidly degradable

Cinnamic aldehyde (104-55-2): Rapidly degradable

Cedar leaf oil (8007-20-3): Rapidly degradable

COUMARIN (91-64-5): Rapidly degradable

Dipropylene glycol monomethyl ether (34590-94-8): Rapidly degradable

Toluene (108-88-3): Rapidly degradable

Camphene (79-92-5): Rapidly degradable

Citrus medica limonum (Lemon) peel oil (8008-56-8): Rapidly degradable

Cinnamalva (1885-38-7): Rapidly degradable

Allyl heptanoate (142-19-8): Rapidly degradable

Linalool (78-70-6): Rapidly degradable

Ethyl acetoacetate (141-97-9): Rapidly degradable

12.3. Bioaccumulative potential

Fragrance Fireplace 00015356: Bioaccumulative potential — Not established.

Partition coefficients and bioaccumulation data:

benzyl benzoate (120-51-4): Log Pow 3.97 (at 25 °C); Bioaccumulative potential — Not established.

Cedryl acetate (77-54-3): Log Pow 6 (at 25 °C)

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2): Log Pow 5.65 (at 30°C)

Sandal Mysore Core (28219-60-5): Log Pow 3.8

Vanillin (121-33-5): Log Pow 1.23 (at 22 °C); Bioaccumulative potential — Not established.

Vertofix (32388-55-9): BCF - Fish [1]: 3920 dimensionless (organ w.w.); Log Pow 5.6 – 5.9

Eugenol (97-53-0): Log Pow 1.83 (at 30 °C at pH 5.5)

Cinnamic aldehyde (104-55-2): Log Pow 2.1065 (at 25 °C)

COUMARIN (91-64-5): Log Pow $\geq 1.91 - \leq 1.51$ (at 25 °C at pH 7)

Dipropylene glycol monomethyl ether (34590-94-8): Log Pow 0.35 (at 25 °C at pH 7)

Toluene (108-88-3): Log Pow 2.73 (at 20 °C at pH 7)

Camphene (79-92-5): Log Pow 4.22 (at 37 °C at pH 7.2)

Cinnamalva (1885-38-7): Log Pow 1.96

Allyl heptanoate (142-19-8): Log Pow 3.97 (at 20 °C at pH 5.3)

Linalool (78-70-6): Log Pow 2.9 (at 20 °C at pH 7)

Ethyl acetoacetate (141-97-9): Log Pow 0.8 (at 20 °C)

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

No additional information available.

12.6. Endocrine disrupting properties

No additional information available.

12.7. Other adverse effects

Fragrance Fireplace 00015356: Avoid release to the environment.

benzyl benzoate (120-51-4): Avoid release to the environment.

Vanillin (121-33-5): Avoid release to the environment.

Substance	Test	Result
benzyl benzoate (120-51-4)	LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
benzyl benzoate (120-51-4)	NOEC (chronic)	0.168 mg/l
Vanillin (121-33-5)	LC50 - Fish [1]	53 – 61.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
Vanillin (121-33-5)	LC50 - Fish [2]	88 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)
Vanillin (121-33-5)	NOEC (acute)	10000 mg/kg (Exposure time: 42 Days - Species: Eisenia foetida [soil dry weight])
Eugenol (97-53-0)	LC50 - Fish [1]	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
Dipropylene glycol monomethyl ether (34590-94-8)	LC50 - Fish [1]	> 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
Dipropylene glycol monomethyl ether (34590-94-8)	EC50 - Crustacea [1]	1919 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Toluene (108-88-3)	LC50 - Fish [1]	15.22 – 19.05 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)

Substance	Test	Result
Toluene (108-88-3)	LC50 - Fish [2]	12.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)
Toluene (108-88-3)	EC50 - Crustacea [1]	5.46 – 9.83 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
Toluene (108-88-3)	EC50 - Crustacea [2]	11.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Toluene (108-88-3)	EC50 72h - Algae [1]	12.5 mg/l (Species: Pseudokirchneriella subcapitata [static])
Toluene (108-88-3)	EC50 96h - Algae [1]	> 433 mg/l (Species: Pseudokirchneriella subcapitata)
Camphene (79-92-5)	LC50 - Fish [1]	0.72 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [flow-through] Source: IUCLID)
Camphene (79-92-5)	LC50 - Fish [2]	150 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static] Source: IUCLID)
Camphene (79-92-5)	EC50 - Crustacea [1]	22 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Camphene (79-92-5)	EC50 72h - Algae [1]	> 1000 mg/l (Species: Desmodesmus subspicatus)
Linalool (78-70-6)	LC50 - Fish [1]	27.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: ECHA)
Linalool (78-70-6)	EC50 - Crustacea [1]	20 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Linalool (78-70-6)	EC50 96h - Algae [1]	88.3 mg/l (Species: Desmodesmus subspicatus)
Ethyl acetoacetate (141-97-9)	LC50 - Fish [1]	298 mg/l (Exposure time: 96 h - Species: Pimephales promelas Source: IUCLID)
Ethyl acetoacetate (141-97-9)	LC50 - Fish [2]	290 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: IUCLID)
Ethyl acetoacetate (141-97-9)	EC50 - Crustacea [1]	646 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Ethyl acetoacetate (141-97-9)	EC50 72h - Algae [1]	> 500 mg/l (Species: Desmodesmus subspicatus)

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/national laws and regulations.

Ecological waste information: Avoid release to the environment.

HP Code: HP8 - "Corrosive:" waste which on application can cause skin corrosion. HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.6. Special precautions for user

Overland transport (ADR):

Classification code: C9

Special provisions: 274

Limited quantities: 0

Excepted quantities: E0

Packing instructions: P001

Mixed packing provisions: MP8, MP17

Portable tank and bulk container instructions: T14

Portable tank and bulk container special provisions: TP2, TP27

Tank code: L10BH

Vehicle for tank carriage: AT

Transport category: 1

Special provisions for carriage - Operation: S20

Hazard identification number (Kemler No.): 88

Tunnel restriction code: E

Transport by sea (IMDG):

Special provisions: 274

Limited quantities: 0

Excepted quantities: E0

Packing instructions: P001

Tank instructions: T14

Tank special provisions: TP2, TP27

Stowage category: B

Stowage and handling: SW2

Properties and observations: Causes burns to skin, eyes and mucous membranes.

Air transport (IATA):

PCA Excepted quantities: E0

PCA Limited quantities: Forbidden

PCA limited quantity max net quantity: Forbidden

PCA packing instructions: 850

PCA max net quantity: 0.5L

CAO packing instructions: 854

CAO max net quantity: 2.5L

Special provisions: A3, A803

ERG code: 8L

Inland waterway transport (ADN):

Classification code: C9

Special provisions: 274

Limited quantities: 0

Excepted quantities: E0

Carriage permitted: T

Equipment required: PP, EP

Number of blue cones/lights: 0

Rail transport (RID):

Classification code: C9

Special provisions: 274

Limited quantities: 0

Excepted quantities: E0

Packing instructions: P001

Mixed packing provisions: MP8, MP17

Portable tank and bulk container instructions: T14

Portable tank and bulk container special provisions: TP2, TP27

Tank codes for RID tanks: L10BH

Special provisions for RID tanks: TU38, TE22

Transport category: 1

Hazard identification number: 88

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

	ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number	UN 1760	UN 1760	UN 1760	UN 1760	UN 1760
14.2. UN proper shipping name	CORROSIVE LIQUID, N.O.S. (CUPRESSUS FUNEBRIS WOOD OIL)	CORROSIVE LIQUID, N.O.S. (CUPRESSUS FUNEBRIS WOOD OIL)	Corrosive liquid, n.o.s. (CUPRESSUS FUNEBRIS WOOD OIL)	CORROSIVE LIQUID, N.O.S. (CUPRESSUS FUNEBRIS WOOD OIL)	CORROSIVE LIQUID, N.O.S. (CUPRESSUS FUNEBRIS WOOD OIL)
Transport document description	UN 1760 CORROSIVE LIQUID, N.O.S. (CUPRESSUS FUNEBRIS WOOD OIL), 8, I, (E), ENVIRONMENTALLY HAZARDOUS	UN 1760 CORROSIVE LIQUID, N.O.S. (CUPRESSUS FUNEBRIS WOOD OIL), 8, I, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1760 Corrosive liquid, n.o.s. (CUPRESSUS FUNEBRIS WOOD OIL), 8, I, ENVIRONMENTALLY HAZARDOUS	UN 1760 CORROSIVE LIQUID, N.O.S. (CUPRESSUS FUNEBRIS WOOD OIL), 8, I, ENVIRONMENTALLY HAZARDOUS	UN 1760 CORROSIVE LIQUID, N.O.S. (CUPRESSUS FUNEBRIS WOOD OIL), 8, I, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)	8	8	8	8	8
14.4. Packing group	I	I	I	I	I
14.5. Environmental hazards	Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes EmS-No. (Fire): F-A EmS-No. (Spillage): S-B	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH Annex XIV (Authorisation List): Contains no substance(s) listed on REACH Annex XIV (Authorisation List).

REACH Candidate List (SVHC): Contains no substance(s) listed on the REACH Candidate List.

PIC Regulation (Prior Informed Consent): Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals).

POP Regulation (Persistent Organic Pollutants): Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants).

Ozone Regulation (2024/590): Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer).

Council Regulation (EC) for the control of dual-use items: Contains no substance subject to the Council Regulation (EC) for the control of dual-use items.

Explosives Precursors Regulation (EU 2019/1148): Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors).

Drug Precursors Regulation (EC 273/2004): Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).

VOC Directive (2004/42):

VOC content: 1.201574 % (calculated value)(CARB VOC) (%w/w)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Reference code	Applicable on	Entry title or description
3(a)	Cedar leaf oil; Lemon oil	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	Fragrance Fireplace 00015356; Benzyl benzoate; CUPRESSUS FUNEBRIS WOOD OIL; Cedryl acetate; Cedarwood oil, Virginia; 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone; Sandal Mysore Core; Vertofix; Eugenol; Cinnamic aldehyde; Cedar leaf oil; Lemon oil; Cinnamalva; Allyl heptanoate; Linalool	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	Fragrance Fireplace 00015356; Benzyl benzoate; CUPRESSUS FUNEBRIS WOOD OIL; Cedryl acetate; Cedarwood oil, Virginia; 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone; Sandal Mysore Core; Vertofix; Cinnamic aldehyde; Cedar leaf oil; Lemon oil; Allyl heptanoate	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1
48.	Toluene	Toluene

Name	CN designation	CAS-No.	CN code	Category, Subcategory	Threshold	Annex
Toluene		108-88-3	2902 30 00	Category 3		Annex I

SECTION 16: Other information

Issue date: 23/09/2019

Revision date: 05/08/2025

Supersedes version of: 21/02/2025

Version: 5.0

The classification complies with: ATP 12

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Other information: None.

Abbreviations and acronyms:

ADN — European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

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

ATE — Acute Toxicity Estimate

BCF — Bioconcentration factor

BLV — Biological limit value

BOD — Biochemical oxygen demand (BOD)

COD — Chemical oxygen demand (COD)

DMEL — Derived Minimal Effect level

DNEL — Derived-No Effect Level

EC-No. — European Community number

EC50 — Median effective concentration

EN — European Standard

IARC — International Agency for Research on Cancer

IATA — International Air Transport Association

IMDG — International Maritime Dangerous Goods

LC50 — Median lethal concentration

LD50 — Median lethal dose

LOAEL — Lowest Observed Adverse Effect Level

NOAEC — No-Observed Adverse Effect Concentration

NOAEL — No-Observed Adverse Effect Level

NOEC — No-Observed Effect Concentration

OECD — Organisation for Economic Co-operation and Development

OEL — Occupational Exposure Limit

PBT — Persistent Bioaccumulative Toxic

PNEC — Predicted No-Effect Concentration

RID — Regulations concerning the International Carriage of Dangerous Goods by Rail

SDS — Safety Data Sheet

STP — Sewage treatment plant

ThOD — Theoretical oxygen demand (ThOD)

TLM — Median Tolerance Limit

VOC — Volatile Organic Compounds

CAS-No. — Chemical Abstract Service number

N.O.S. — Not Otherwise Specified

vPvB — Very Persistent and Very Bioaccumulative

ED — Endocrine disruptor

Full text of H- and EUH-statements:

Acute Tox. 3 (Dermal) — Acute toxicity (dermal), Category 3

Acute Tox. 3 (Inhalation) — Acute toxicity (inhal.), Category 3

Acute Tox. 3 (Oral) — Acute toxicity (oral), Category 3

Acute Tox. 4 (Dermal) — Acute toxicity (dermal), Category 4

Acute Tox. 4 (Inhalation) — Acute toxicity (inhal.), Category 4

Acute Tox. 4 (Oral) — Acute toxicity (oral), Category 4

Aquatic Acute 1 — Hazardous to the aquatic environment – Acute Hazard, Category 1

Aquatic Chronic 1 — Hazardous to the aquatic environment – Chronic Hazard, Category 1

Aquatic Chronic 2 — Hazardous to the aquatic environment – Chronic Hazard, Category 2

Aquatic Chronic 3 — Hazardous to the aquatic environment – Chronic Hazard, Category 3

Asp. Tox. 1 — Aspiration hazard, Category 1

EUH208 — Contains [name of sensitising substance]. May produce an allergic reaction.

Eye Irrit. 2 — Serious eye damage/eye irritation, Category 2

Flam. Liq. 3 — Flammable liquids, Category 3

Flam. Sol. 2 — Flammable solids, Category 2

Repr. 2 — Reproductive toxicity, Category 2

Skin Corr. 1 — Skin corrosion/irritation, Category 1

Skin Irrit. 2 — Skin corrosion/irritation, Category 2

Skin Sens. 1 — Skin sensitisation, Category 1

Skin Sens. 1A — Skin sensitisation, category 1A

Skin Sens. 1B — Skin sensitisation, category 1B

H226 — Flammable liquid and vapour.

H228 — Flammable solid.

H301 — Toxic if swallowed.

H302 — Harmful if swallowed.

H304 — May be fatal if swallowed and enters airways.

H311 — Toxic in contact with skin.

H312 — Harmful in contact with skin.

H314 — Causes severe skin burns and eye damage.

H315 — Causes skin irritation.

H317 — May cause an allergic skin reaction.

H319 — Causes serious eye irritation.

H331 — Toxic if inhaled.

H332 — Harmful if inhaled.

H361 — Suspected of damaging fertility or the unborn child.

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.