

Fragrance White Cotton 00015660

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 chemicals

TRADE NAME:

Fragrance White Cotton 00015660

PRODUCT NUMBER:

00015660

UFI Code:

7FCD-E1M5-C00A-YTKG

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 manufacture 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

ADDRESS:

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), Tel: +49 621 60-43333

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

FRANCE – INRS FRANCE: Tel: +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

Causes serious eye irritation: H319

2.2. Label elements

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

Hazard Pictograms: GHS07, GHS09

Signal Word: Warning

Hazard Statements:

H411 – Toxic to aquatic life with long lasting effects.

H317 – May cause an allergic skin reaction.

H315 – Causes skin irritation.

H319 – Causes serious eye irritation.

Precautionary Statements:

P273 – Avoid release to the environment.

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

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

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

P264 – Wash thoroughly after handling.

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

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

2.3. Other hazards

No additional hazards known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

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

3.2. Mixtures

Mixture of natural and synthetic aromatic ingredients.

Hazardous components:

Ingredient	%	CAS No.	EC No.	Index No.	REACH No.	Classification (CLP) Regulation (EC) No 1272/2008
Benzyl Benzoate (IUPAC: BENZYL BENZOATE)	<60%	120-51-4	204-402-9	—	01-2119976371-33-xxxx	Aquatic Chronic 2: H411; Acute Tox. 4 ORAL: H302; Aquatic Acute 1: H400
Dihydromyrcenol (Myrcetol) (IUPAC: 2,6-DIMETHYLOCT-7-EN-2-OL)	<6.4%	18479-58-8	242-362-4	—	01-2119457274-37-xxxx	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H336
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	—	—	Aquatic Chronic 2: H411; Skin Sens. 1: H317; Skin Irrit. 2: H315; Eye Irrit. 2: H319
Methyl Ionone Gamma (Gamma-Methylionone-Isonalinee 70) (IUPAC: (3E)-3-METHYL-4-(2,6,6-TRIMETHYLCYCLOHEX-2-EN-1-YL)BUT-3-EN-2-ONE)	<4%	127-51-5 / 1335-46-2	215-635-0	—	01-2119471851-35-xxxx	Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Eye Irrit. 2: H319
Hexyl Acetate (IUPAC: HEXYL ACETATE)	<3.2%	142-92-7	421-230-1	—	01-0000016777-57-xxxx	Aquatic Chronic 2: H411; Flam. Liq. 3: H226
Benzyl Acetate (IUPAC: BENZYL ACETATE)	<2.6%	140-11-4	205-399-7	—	01-2119638272-42-xxxx	Aquatic Chronic 3: H412
Phenoxanol (IUPAC: 3-METHYL-5-PHENYLPENTAN-1-OL)	<2.4%	55066-48-3	259-461-3	—	01-2119969446-23-xxxx	Acute Tox. 4 ORAL: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319
Aldehyde C-12 (MNA) (IUPAC: 2-METHYLUNDECANAL)	<2.4%	110-41-8	203-765-0	—	01-2119969443-29-xxxx	Aquatic Chronic 1: H410; Aquatic Chronic 2: H411; Skin Sens. 1B: H317; Skin Irrit. 2: H315; Aquatic Acute 1: H400; M=1; M Chr=1
Alcohol C-10 (IUPAC: DECAN-1-OL)	<2%	112-30-1	203-956-9	—	01-2119480407-35-xxxx	Eye Irrit. 2: H319; Aquatic Chronic 3: H412
Aldehyde C-12 (Lauric) (IUPAC: DODECANAL)	<2%	112-54-9	203-983-6	—	01-2119969441-33-xxxx	Skin Sens. 1B: H317; Skin Irrit. 2: H315; Eye Irrit. 2: H319
Phenyl Ethyl Alcohol (IUPAC: 2-PHENYLETHAN-1-OL)	<2%	60-12-8	200-456-2	—	01-2119977069-23-xxxx	Acute Tox. 4 ORAL: H302; Eye Irrit. 2: H319
Vertoliff	<1.6%	67801-65-4	—	—	—	Aquatic Chronic 2: H411; Acute Tox. 4 ORAL: H302; Skin Sens. 1B: H317; Skin Irrit. 2: H315
Amberwood F (Boisambrene Forte) (IUPAC: (ETHOXYMETHOXY)CYCLODODECANE)	<1.2%	58567-11-6	261-332-1	—	01-2119971571-34-xxxx	Aquatic Chronic 2: H411; Skin Sens. 1B: H317; Skin Irrit. 2: H315
Dihydroeugenol (IUPAC: 2-METHOXY-4-PROPYLPHENOL)	<0.6%	2785-87-7	220-499-0	—	01-2120223684-57-xxxx	Skin Sens. 1B: H317; Skin Irrit. 2: H315; STOT SE 3: H335; Eye Dam. 1: H318

Ingredient	%	CAS No.	EC No.	Index No.	REACH No.	Classification (CLP) Regulation (EC) No 1272/2008
Aldehyde Iso C11 (Intreleven aldehyde spec)	<0.6%	1337-83-3	215-656-5	—	01-2120116228-63-xxxx	Skin Sens. 1: H317; Skin Irrit. 2: H315; Eye Irrit. 2: H319
Polysantol (IUPAC: (4E)-3,3-DIMETHYL-5-(2,2,3-TRIMETHYLCYCLOPENT-3-EN-1-YL)PENT-4-EN-2-OL)	<0.2%	107898-54-4	411-580-3	—	—	Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Aquatic Acute 1: H400

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:

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

Ingestion:

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

Skin contact:

Immediately remove contaminated clothing and wash 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:

Extinguish with: 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 self-contained positive-pressure 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

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

6.3. Methods and material for containment and cleaning up

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 from the area as quickly as possible. After spilling, wash thoroughly.

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.

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 containers 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 identified beyond that 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 (DNEL) have not been established for this product. Predicted No-Effect Concentrations (PNEC) have not been determined for this product.

Occupational exposure limit values:

Ingredient	CAS No.	TWA, 8 hours
Alcohol C-10 (IUPAC: DECAN-1-OL)	112-30-1	TWA = 10* mg/m ³
Benzyl Acetate (IUPAC: BENZYL ACETATE)	140-11-4	TWA = 5* mg/m ³

Note

* 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 the review 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 protection. Wear suitable respiratory protection during large-scale exposure. Suitable half-mask according to EN 140.

BODY PROTECTION:

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

EYE PROTECTION:

Wear appropriate safety goggles with side protection according to EN 166 if there is a risk of possible eye contact. Emergency eyewash fountains should be available in the immediate vicinity of potential exposure.

HYGIENIC MEASURES:

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

HAND PROTECTION:

Chemical-resistant gloves according to DIN EN 374 with CE marking. Suitable material – Nitrile. 0.13 mm. Permeation breakthrough time indication – 1 hour. Check the condition of protective gloves after each use for damage such as holes, cuts or tears. Do not wear protective gloves 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 should be adequately trained. The workplace should 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	Description of the fragrance
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	No data available
Freezing point	No data available
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 stated in Section 7.

10.3. Possibility of hazardous reactions:

No information on hazardous reactions under normal conditions of use.

10.4. Conditions to avoid:

Contact with incompatible materials.

10.5. Incompatible materials:

Strong acids, strong bases, strong oxidising agents.

10.6. Hazardous decomposition products:

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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

INHALATION:

Acute Toxicity: Calculated ATEmix (LC50) = 85.93 mg/l. Components of unknown toxicity >10%: 97.73%. Not classified.

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

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

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

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

SKIN CONTACT:

Acute Toxicity: Calculated ATEmix (LD50) = 9 857.64 mg/kg. Components of unknown toxicity >10%: 79.66%. Not classified.

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

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

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

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

EYE CONTACT:

Corrosion/Irritation: Classified as Not Classified.

INGESTION:

Acute Toxicity: Calculated ATEmix (LD50) = 2 627.23 mg/kg. Components of unknown toxicity >10%: 11.13%. Not classified.

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

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

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

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

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

Toxicological information:

Ingredient	CAS No.	LD50 (Oral)	LD50 (Dermal)	LC50 (Inhalation)
Benzyl Benzoate (IUPAC: BENZYL BENZOATE)	120-51-4	2 000 mg/kg	non-toxic	non-toxic
Dihydromyrcenol (Myrcetol) (IUPAC: 2,6-DIMETHYLOCT-7-EN-2-OL)	18479-58-8	non-toxic	non-toxic	non-toxic

Ingredient	CAS No.	LD50 (Oral)	LD50 (Dermal)	LC50 (Inhalation)
Methyl Ionone Gamma (Gamma-Methylionone-Isonalinal 70) (IUPAC: (3E)-3-METHYL-4-(2,6,6-TRIMETHYLCYCLOHEX-2-EN-1-YL)BUT-3-EN-2-ONE)	127-51-5 / 1335-46-2	non-toxic	non-toxic	non-toxic
Hexyl Acetate (IUPAC: HEXYL ACETATE)	142-92-7	non-toxic	non-toxic	non-toxic
Benzyl Acetate (IUPAC: BENZYL ACETATE)	140-11-4	non-toxic	non-toxic	non-toxic
Phenoxanol (IUPAC: 3-METHYL-5-PHENYLPENTAN-1-OL)	55066-48-3	1 850 mg/kg	non-toxic	non-toxic
Alcohol C-10 (IUPAC: DECAN-1-OL)	112-30-1	non-toxic	non-toxic	non-toxic
Aldehyde C-12 (Lauric) (IUPAC: DODECANAL)	112-54-9	non-toxic	non-toxic	non-toxic
Phenyl Ethyl Alcohol (IUPAC: 2-PHENYLETHAN-1-OL)	60-12-8	1 790 mg/kg	non-toxic	non-toxic
Amberwood F (Boisambrene Forte) (IUPAC: (ETHOXYMETHOXY)CYCLODODECAN E)	58567-11-6	non-toxic	non-toxic	non-toxic
Dihydroeugenol (IUPAC: 2-METHOXY-4-PROPYLPHENOL)	2785-87-7	non-toxic	non-toxic	non-toxic
Aldehyde Iso C11 (Intreleven aldehyde spec)	1337-83-3	non-toxic	non-toxic	non-toxic
Polysantol (IUPAC: (4E)-3,3-DIMETHYL-5-(2,2,3-TRIMETHYLCYCLOPENT-3-EN-1-YL)PENT-4-EN-2-OL)	107898-54-4	non-toxic	non-toxic	non-toxic

Section	Finding
11.2. Primary irritant effect – Endocrine disrupting properties	None
11.3. Sensitisation	May have a sensitising effect.
11.4. Chronic effects	No chronic effects known.
11.5. Target organs	No adverse health effects on 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: $(M \times 10 \times \text{Chronic Category 1}) + \text{Chronic Category 2} \geq 25\% = 100.73 \geq 25 \Rightarrow$
Hazardous to the aquatic environment — Chronic Category 2

Ingredient toxicity — Aquatic toxicity:

Ingredient / CAS No.	Test	Result
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)

Ingredient / CAS No.	Test	Result
Benzyl Benzoate (IUPAC: BENZYL BENZOATE) / 120-51-4	LC50/24H	11 mg/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)
Methyl Ionone Gamma / 127-51-5, 1335-46-2	EC50/72H	9.42 mg/l (Aquatic algae and cyanobacteria)
Methyl Ionone Gamma / 127-51-5, 1335-46-2	LC50/96H	2.3 mg/l (Fish)
Methyl Ionone Gamma / 127-51-5, 1335-46-2	EC50/48H	3.7 mg/l (Aquatic invertebrates)
Hexyl Acetate (IUPAC: HEXYL ACETATE) / 142-92-7	EC50/72H	6 485 (Algae)
Hexyl Acetate (IUPAC: HEXYL ACETATE) / 142-92-7	EC50/48H	9.1 mg/l (Aquatic invertebrates)
Benzyl Acetate (IUPAC: BENZYL ACETATE) / 140-11-4	EC50/72H	101 mg/l (Algae)
Benzyl Acetate (IUPAC: BENZYL ACETATE) / 140-11-4	LC50/96H	4 mg/l (Fish)
Benzyl Acetate (IUPAC: BENZYL ACETATE) / 140-11-4	EC50/48H	17 mg/l (Aquatic invertebrates)
Phenoxanol (IUPAC: 3-METHYL-5-PHENYLPENTAN-1-OL) / 55066-48-3	EC50/72H	11 mg/l (Aquatic algae and cyanobacteria)
Phenoxanol (IUPAC: 3-METHYL-5-PHENYLPENTAN-1-OL) / 55066-48-3	EC50/96H	12 mg/l (Aquatic algae and cyanobacteria)
Phenoxanol (IUPAC: 3-METHYL-5-PHENYLPENTAN-1-OL) / 55066-48-3	LC50/96H	13.3 mg/l (Fish)
Phenoxanol (IUPAC: 3-METHYL-5-PHENYLPENTAN-1-OL) / 55066-48-3	EC50/48H	13 mg/l (Aquatic invertebrates)
Phenoxanol (IUPAC: 3-METHYL-5-PHENYLPENTAN-1-OL) / 55066-48-3	EC50/24H	20 mg/l (Aquatic invertebrates)
Aldehyde C-12 (MNA) (IUPAC: 2-METHYLUNDECANAL) / 110-41-8	EC50/72H	110 (Algae)
Aldehyde C-12 (MNA) (IUPAC: 2-METHYLUNDECANAL) / 110-41-8	LC50/96H	350 (Fish)
Aldehyde C-12 (MNA) (IUPAC: 2-METHYLUNDECANAL) / 110-41-8	LC50/48H	460 (Fish)
Aldehyde C-12 (MNA) (IUPAC: 2-METHYLUNDECANAL) / 110-41-8	LC50/24H	460 (Fish)
Aldehyde C-12 (MNA) (IUPAC: 2-METHYLUNDECANAL) / 110-41-8	LC50/72H	350 (Fish)
Aldehyde C-12 (MNA) (IUPAC: 2-METHYLUNDECANAL) / 110-41-8	EC50/48H	210 (Aquatic invertebrates)
Alcohol C-10 (IUPAC: DECAN-1-OL) / 112-30-1	EC50/72H	1.5 mg/l (Algae)
Alcohol C-10 (IUPAC: DECAN-1-OL) / 112-30-1	LC50/96H	2.4 mg/l (Fish)
Alcohol C-10 (IUPAC: DECAN-1-OL) / 112-30-1	LC50/96H	3.1 mg/l (Aquatic invertebrates)
Aldehyde C-12 (Lauric) (IUPAC: DODECANAL) / 112-54-9	EC50/72H	350 (Aquatic algae and cyanobacteria)
Aldehyde C-12 (Lauric) (IUPAC: DODECANAL) / 112-54-9	LC50/96H	2.6 mg/l (Fish)
Aldehyde C-12 (Lauric) (IUPAC: DODECANAL) / 112-54-9	EC50/48H	480 (Aquatic invertebrates)
Phenyl Ethyl Alcohol (IUPAC: 2-PHENYLETHAN-1-OL) / 60-12-8	EC50/72H	895 mg/l (Algae)
Phenyl Ethyl Alcohol (IUPAC: 2-PHENYLETHAN-1-OL) / 60-12-8	LC50/96H	339.5 mg/l (Fish)
Phenyl Ethyl Alcohol (IUPAC: 2-PHENYLETHAN-1-OL) / 60-12-8	EC50/48H	287.17 mg/l (Aquatic invertebrates)
Amberwood F (Boisambrene Forte) (IUPAC: (ETHOXYMETHOXY)CYCLODODECANE) / 58567-11-6	EC50/72H	2 mg/l (Aquatic algae and cyanobacteria)

Ingredient / CAS No.	Test	Result
Amberwood F (Boisambrene Forte) (IUPAC: (ETHOXYMETHOXY)CYCLODODECANE) / 58567-11-6	LC50/96H	1.9 mg/l (Fish)
Amberwood F (Boisambrene Forte) (IUPAC: (ETHOXYMETHOXY)CYCLODODECANE) / 58567-11-6	EC50/48H	1.6 mg/l (Aquatic invertebrates)
Dihydroeugenol (IUPAC: 2-METHOXY-4-PROPYLPHENOL) / 2785-87-7	EC50/72H	7.4 mg/l (Aquatic algae and cyanobacteria)
Dihydroeugenol (IUPAC: 2-METHOXY-4-PROPYLPHENOL) / 2785-87-7	EC50/96H	13 mg/l (Aquatic algae and cyanobacteria)
Dihydroeugenol (IUPAC: 2-METHOXY-4-PROPYLPHENOL) / 2785-87-7	LC50/96H	4.4 mg/l (Fish)
Dihydroeugenol (IUPAC: 2-METHOXY-4-PROPYLPHENOL) / 2785-87-7	LC50/48H	3.1 mg/l (Aquatic invertebrates)
Dihydroeugenol (IUPAC: 2-METHOXY-4-PROPYLPHENOL) / 2785-87-7	EC50/48H	3.5 mg/l (Aquatic invertebrates)
Aldehyde Iso C11 (Intreleven aldehyde spec) / 1337-83-3	EC50/72H	25.002 mg/l (Aquatic algae and cyanobacteria)
Aldehyde Iso C11 (Intreleven aldehyde spec) / 1337-83-3	EC50/96H	2.267 mg/l (Aquatic algae and cyanobacteria)
Aldehyde Iso C11 (Intreleven aldehyde spec) / 1337-83-3	LC50/96H	1.427 mg/l (Fish)
Aldehyde Iso C11 (Intreleven aldehyde spec) / 1337-83-3	EC50/48H	3.147 mg/l (Aquatic invertebrates)
Aldehyde Iso C11 (Intreleven aldehyde spec) / 1337-83-3	EC50/24H	10 mg/l (Aquatic invertebrates)
Polysantol (IUPAC: (4E)-3,3-DIMETHYL-5-(2,2,3-TRIMETHYLCYCLOPENT-3-EN-1-YL)PENT-4-E N-2-OL) / 107898-54-4	EC50/72H	880 (Algae)
Polysantol (IUPAC: (4E)-3,3-DIMETHYL-5-(2,2,3-TRIMETHYLCYCLOPENT-3-EN-1-YL)PENT-4-E N-2-OL) / 107898-54-4	EC50/48H	1 mg/l (Aquatic invertebrates)
Polysantol (IUPAC: (4E)-3,3-DIMETHYL-5-(2,2,3-TRIMETHYLCYCLOPENT-3-EN-1-YL)PENT-4-E N-2-OL) / 107898-54-4	EC50/24H	1.9 mg/l (Aquatic invertebrates)

12.2. Persistence and degradability:

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

Assessment of biodegradability and elimination: No data available.

12.3. Bioaccumulative potential:

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

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 contains no substances that meet the PBT or vPvB criteria of Annex XIII of the REACH Regulation.

12.6. Endocrine disrupting properties: None.

12.7. Other adverse effects:

Global warming potential: Cannot contribute to the greenhouse effect.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of in accordance with local and national regulations.

Product residues:

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

Additional warning: None.

European waste catalogue:

Dispose of hazardous waste in accordance with Directive 91/689/EEC, recognising a waste code in accordance with Commission Decision 2000/532/EC, in an official chemical waste depot.

EWC Code	Description
07 07 99	Wastes from the MFSU of fine chemicals and chemical products, n.o.s. (Chapter 07 – Wastes from organic chemical processes; subchapter 07 07)

CONTAMINATED PACKAGING:

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

RECOMMENDATION:

Avoid release into 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 USE RESTRICTIONS:

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 class, hazard symbols and hazard statements:

Code	Full text
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
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.
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.

Abbreviation	Explanation
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 Bulk Chemical Code
MARPOL	International Convention for the Prevention of Pollution from Ships
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
UN	United Nations

Abbreviation	Explanation
ATE	Acute Toxicity Estimate

The information contained in this safety data sheet comes from current and reliable sources. However, these data are provided without any express or implied warranty as to their accuracy or correctness. Since the conditions for use, handling, storage and disposal of this product are beyond our control, it is the responsibility of the user both to determine safe conditions for use and to assume liability for losses, damage and costs arising from improper use. No express or implied warranty with respect to the product described herein is established or implied by statements or omissions in this safety data sheet.

Document: Fragrance White Cotton 00015660

Version: DE 6

Revised: 14.10.2024

Printed: 25-08-2025