According to Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

FRANGIPANI BLOOM FRAGRANCE OIL

Product Master Reference No. 1741

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Trade name: FRANGIPANI BLOOM FRAGRANCE OIL
Chemical name/nature: fragrance composition
CAS No.: NA
EC No.: NA
REACH: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

1.2 Relevant identified uses of the substance or mixture and uses advised against
Ingredient for perfumes, fragrances, formulation of fragranced products.

1.3 Details of the supplier of the safety data sheet

Company identification: Elemental SRL, Piața Cazărmii no.15, 410188 Oradea, Romania, www.ellemental.com
Competent person responsible for the safety data sheet: e-mail adress: quality@ellemental.com

1.4 Emergency telephone number

RO: număr național pentru cazuri de urgență: (+40) 21 318 36 20 Institutul de Sănătate Publică București
International: List of anti-poison centers in Europe: https://poisoncentres.echa.europa.eu/appointed-bodies

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]:
Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.
Eye Irrit. 2; H319 Causes serious eye irritation.
Skin Irrit. 2; H315 Causes skin irritation.
Skin Sens. 1; H317 May cause an allergic skin reaction.

2.2. Label elements

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

According to Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Signal word: Warning

Hazard pictograms
GHS07 Exclamation mark



Hazard statements:
H315 Causes skin irritation. H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects.

Safety precautions:
P302+P352 IF ON SKIN: Wash with plenty of water/soap. P332+P313 If skin irritation occurs: Get medical advice/attention. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P501 Dispose of contents/container to hazardous waste. P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Hazard components for labelling:

(2E)-2-(phenylmethylidene)octanal(165184-98-5,); 3-p-Cumenyl-2-methylpropionaldehyde(103-95-7); Cinnamyl alcohol(104-54-1); Cinnamaldehyde(104-55-2); Geranyl acetate(105-87-3); Citronellol(106-22-9); Geraniol(106-24-1); Nerol(106-25-2); Hydroxycitronellal(107-75-5); Benzyl salicylate(118-58-1); piperonal(120-57-0); 2-Benzylideneheptanal(122-40-7); Phenylacetaldehyde(122-78-1); 3-(4-isobutyl-2-methylphenyl) propanal(1637294-12-2); 1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one(23696-85-7,); Citral(5392-40-5); 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one(54464)

Special provisions concerning the labelling of certain mixtures: —

2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulating and toxic (PBT) or very persistent and very bioaccumulating (vPvB) at levels of 0.1% or higher. The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances
Not applicable

3.2. Mixtures
Substances to declare, hazardous ingredients:

Geraniol: 0,1 % - 0,99 %
CAS-Number: 106-24-1 EU index number: 603-241-00-5 EC-number: 203-377-1 REACH registration No.: 01-2119552430-49 Classification according to EC regulation 1272/2008 (CLP): Eye Dam. 1; H318 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

2-Benzylideneheptanal: 0,1 % - 0,99 %
CAS-Number: 122-40-7 EC-number: 204-541-5 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 2; H411 / Skin Sens. 1B; H317

Hydroxycitronellal: 0,1 % - 0,99 %
CAS-Number: 107-75-5 EC-number: 203-518-7 REACH registration No.: 01-2119973482-31 Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2; H319 / Skin Sens. 1B; H317

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde: 0,1 % - 0,99 %
CAS-Number: 68039-49-6 EC-number: 268-264-1 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 2; H411 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

3-(4-Ethylphenyl)-2,2-dimethylpropanal: 0,1 % - 0,99 %
CAS-Number: 67634-15-5 EC-number: 266-819-2 REACH registration No.: 01-2120758796-34 Classification according to EC regulation 1272/2008 (CLP): Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 2; H411 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one: 0,1 % - 0,99 %
CAS-Number: 54464-57-2 EC-number: 259-174-3 REACH registration No.: 01-2119489989-04 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 2; H411 (M = 1) / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

3-(4-isobutyl-2-methylphenyl)propanal: 0,1 % - 0,99 %
CAS-Number: 1637294-12-2 EC-number: 811-285-3 REACH registration No.: 01-2120103156-71-xxxx Classification according to EC regulation 1272/2008 (CLP): Acute Tox. 4; H332 / Aquatic Chronic 2; H411 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

piperonal: 0,1 % - 0,99 %
CAS-Number: 120-57-0 EC-number: 204-409-7 REACH registration No.: 01-2119983608-21 Classification according to EC regulation 1272/2008 (CLP): Skin Sens. 1B; H317

Nerol: 0,1 % - 0,99 %
CAS-Number: 106-25-2 EC-number: 203-378-7 REACH registration No.: 01-2119983244-33 Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Eugenol: 0,1 % - 0,99 %
CAS-Number: 97-53-0 EC-number: 202-589-1 REACH registration No.: 01-2119971802-33 Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2; H319 / Skin Sens. 1B; H317

Phenylacetaldehyde: 0,1 % - 0,99 %
CAS-Number: 122-78-1 EC-number: 204-574-5 REACH registration No.: 01-2120766865-37 Classification according to EC regulation 1272/2008 (CLP): Acute Tox. 4; H302 / Aquatic Chronic 3; H412 / Eye Dam. 1; H318 / Skin Corr. 1B; H314 / Skin Sens. 1B; H317

Citral: 0,1 % - 0,99 %
CAS-Number: 5392-40-5 EU index number: 605-019-00-3 EC-number: 226-394-6 REACH registration No.: 01-2119462829-23 Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

Coumarin: 0,1 % - 0,99 %
CAS-Number: 91-64-5 EC-number: 202-086-7 REACH registration No.: 01-2119949300-45-XXXX Classification according to EC regulation 1272/2008 (CLP): Acute Tox. 3; H301 / Skin Sens. 1B; H317

Methylisoeugenol: 0,1 % - 0,99 %
CAS-Number: 93-16-3 EC-number: 202-224-6 REACH registration No.: 01-2120223689-47 Classification according to EC regulation 1272/2008 (CLP): Skin Sens. 1B; H317

3-(p-Methoxyphenyl)-2-methylpropionaldehyde: 0,1 % - 0,99 %
CAS-Number: 5462-06-6 EC-number: 226-749-5 REACH registration No.: 01-2120629103-67 Classification according to EC regulation 1272/2008 (CLP): Skin Sens. 1B; H317

Cinnamaldehyde: 0,01 % - 0,09 %
CAS-Number: 104-55-2 EC-number: 203-213-9 REACH registration No.: 01-2119935242-45 Classification according to EC regulation 1272/2008 (CLP): Acute Tox. 4; H312 / Aquatic Chronic 3; H412 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1A; H317

1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one: 0,01 % - 0,09 %
CAS-Number: 23696-85-7 EC-number: 245-833-2 REACH registration No.: 01-2120105798-49 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 2; H411 / Skin Irrit. 2; H315 / Skin Sens. 1A; H317

Benzyl acetate: 10 % - 24,99 %
CAS-Number: 140-11-4 EC-number: 205-399-7 REACH registration No.: 01-2119638272-42 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 3; H412

2-Phenylethanol: 3 % - 9,99 %
CAS-Number: 60-12-8 EC-number: 200-456-2 REACH registration No.: 01-2119963921-31 Classification according to EC regulation 1272/2008 (CLP): Acute Tox. 4; H302 / Eye Irrit. 2; H319

Linalool: 3 % - 9,99 %
CAS-Number: 78-70-6 EU index number: 603-235-00-2 EC-number: 201-134-4 REACH registration No.:

01-2119474016-42 Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

3,7-Dimethyloctan-3-ol: 1 % - 2,49 %
CAS-Number: 78-69-3 EC-number: 201-133-9 REACH registration No.: 01-2119454788-21-xxxx Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Citronellol: 1 % - 2,49 %
CAS-Number: 106-22-9 EC-number: 203-375-0 REACH registration No.: 01-2119453995-23-XXXX Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

2-tert-Butylcyclohexyl acetate: 1 % - 2,49 %
CAS-Number: 88-41-5 EC-number: 201-828-7 REACH registration No.: 01-2119970713-33 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 2; H411

2,6-dimethyloct-7-en-2-ol: 1 % - 2,49 %
CAS-Number: 18479-58-8 EC-number: 242-362-4 REACH registration No.: 01-2119457274-37 Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2; H319 / Skin Irrit. 2; H315

Benzyl salicylate: 1 % - 2,49 %
CAS-Number: 118-58-1 EU index number: 607-754-00-5 EC-number: 204-262-9 REACH registration No.: 01-2119969442-31 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 3; H412 / Eye Irrit. 2; H319 / Skin Sens. 1B; H317

anisaldehyde: 1 % - 2,49 %
CAS-Number: 123-11-5 EC-number: 204-602-6 REACH registration No.: 01-2119977101-43 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 3; H412

Geranyl acetate: 1 % - 2,49 %
CAS-Number: 105-87-3 EC-number: 203-341-5 REACH registration No.: 01-2119973483-29 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 3; H412 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Cinnamyl alcohol: 1 % - 2,49 %
CAS-Number: 104-54-1 EC-number: 203-212-3 REACH registration No.: 01-2119934496-29 Classification according to EC regulation 1272/2008 (CLP): Acute Tox. 4; H302 / Skin Sens. 1B; H317

(2E)-2-(phenylmethylidene)octanal: 1 % - 2,49 %
CAS-Number: 165184-98-5 EC-number: 639-566-4 REACH registration No.: 01-2119533092-50 Classification according to EC regulation 1272/2008 (CLP): Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 2; H411 / Skin Sens. 1; H317

3-p-Cumenyl-2-methylpropionaldehyde: 1 % - 2,49 %
CAS-Number: 103-95-7 EC-number: 203-161-7 REACH registration No.: 01-2119970582-32 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 3; H412 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

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

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice: Do not leave affected person unattended. To prevent aspiration or inhalation of the product, keep the victim on his side with his head lower than the waist and knees half bent. Loosen all items that may cause pressure on the neck and chest such as belts, collars or ties. In case of unconsciousness, do not administer anything orally. In case of doubt or if symptoms persist, call a physician.

In case of Inhalation: Move person to fresh air and keep warm and at rest. If symptoms of irritation and/or choking appear, call a physician immediately.

In case of Skin Contact: Remove contaminated clothing. Wash the skin vigorously with plenty of water and soap. If symptoms of skin irritation appear, consult a physician.

In case of Eye contact: Rinse immediately with plenty of water. Remove any contact lenses if it is easy to manipulate. In case of irritation or vision changes, consult an ophthalmologist.

In case of Ingestion: Do not induce vomiting nor give anything to swallow unless directed to do so by medical personnel. In the event of symptoms, obtain a medical examination.

4.2. Most important symptoms and effects, both acute and delayed
Not considered hazardous under foreseeable conditions of use.

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

5. FIREFIGHTING MEASURES

5.1. Extinguishing media
Suitable extinguishing media:

Use extinguishing media appropriate for surrounding fire. Dry powder. Foam, Carbon dioxide (CO2).
Extinguishing media which must not be used for safety reasons: Strong water jet.

5.2. Special hazards arising from the substance or mixture
Do not inhale explosion and combustion gases.
Burning produces heavy smoke.

5.3. Advice for firefighters
Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations. Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
General advice: Ensure adequate ventilation, especially in confined areas. Keep away sources of ignition. Keep away noninvolved persons.
For non-emergency services personnel: Use personal protective equipment as required. Avoid contact with eyes and skin. Evacuate personnel to safe areas. Keep people away from the spill / leak site and upwind.
For emergency services personnel: Use personal protective clothing. In case of vapour formation use respirator

6.2. Environmental precautions
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. Warn authorities if liquid enters drains or public waters, in accordance with local regulations.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Clean contaminated floors and objects thoroughly while observing environmental regulations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.
Use only non-sparking tools. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.
Retain contaminated washing water and dispose it.
Other information: Disposal must be done according to official regulations.

6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

7. HANDLING AND STORAGEICROBIOLOG

7.1. Precautions for safe handling
Ensure adequate ventilation, especially in confined areas.
Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.
Handle with care avoiding contact with skin and eyes, inhalation of vapours and mists.
Wash hands after use.
Do not eat, drink or smoke in work areas.
Remove contaminated clothing and protective equipment before entering other areas.
Wash contaminated clothing before reuse.
Provide suitable mechanical equipment for the safe handling of drums & heavy packages.
See section 8 for recommended fire protection measures.

7.2. Conditions for safe storage, including any incompatibilities
Store at ambient temperature 10 - 25°C. Maintain limited contact with oxygen.
Keep container tightly closed in a dry and well ventilated place.
Keep away from food and beverages.
Protect from direct light and humidity.
Incompatible materials: No data available.
Storage class 10

7.3. Specific end use(s)
See section 1.2. No additional information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters
National occupational exposure and biological limit values: No additional information available.
Recommended monitoring procedures: No additional information available.
Air contaminants formed: No additional information available.
DNEL and PNEC: No additional information available.

8.2. Exposure controls

Exposure assessment: Exposures are dependent on the product being handled, the potential for chemical release, and any resulting airborne concentrations or dermal contact. Since product handling and release scenarios vary, and no two workplaces are exactly alike, it is recommended that the potential for exposure be assessed prior to the prod-uct's use or introduction. Exposure assessments should be performed by an occupational hygienist, industrial hygienist, or other qualified occupational or environmental health professional. An exposure assessment should be conducted to determine the efficacy of any ventilation and the need for additional PPE.
Use engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use the product only with adequate ventilation.
Personal protective equipment: Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. When using do not eat, drink or smoke. Remove and wash contaminated clothes before re-use.
Eye and face protection
Eye protection: Use safety goggles according to EN 166 or equivalent local standard. Operate according good working practices.
Skin protection
Skin and body protection: Wear suitable protective clothing. Wear working clothes covering arms and legs.
Use antistatic clothes when flammable liquids are handled. The type of protective equipment must be selected according to the concentration and amount of the hazardous substance at the specific workplace. Use apron and sleeve covers or complete chemical suit if exposure is expected.
Hand protection: Protective gloves resistant to chemicals made off nitrile, requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves. Gloves must be replaced after each use and whenever signs of wear or perforation appear.
Respiratory protection
Respiratory protection: Respiratory protection should be worn when workplace exposures exceed exposure limit requirements or guidelines. If there are no applicable exposure limits or guidelines, use an approved respirator where there is a potential for adverse effects, including but not limited to respiratory irritation or odor, or where indicated by the exposure assessment. Selection of air-purifying or positive-pressure supplied-air will depend on the results of the exposure assessment which includes an evaluation of the specific operations and the potential airborne concentrations. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus. In absence of engineering controls, use self-contained breathing apparatus or full face supplied air respirators. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).

8.3 Environmental exposure controls
Environmental protection legislation for every country must be observed.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties
Appearance: fluid liquid
Colour: colourless to pale yellow
Odour: characteristic
Auto-ignition temperature: no data available
Bulk density: no data available
Decomposition temperature: no data available
Density at 20 °C: 0.8950-0.9250
Evaporation rate: no data available
Explosion limit lower: no data available
Explosion limit upper: no data available
Explosive properties: no data available
Flammability: no data available
Flash point: > 100°C
Freezing point: no data available
Melting point: no data available
Oxidizing properties: no data available
Particle size: no data available
Partition coefficient: n-octanol/water: no data available
pH: not relevant
Relative vapour density: no data available
Solubility in other solvents: no data available
Solubility in water: not soluble
Vapour pressure: ber. 0,0556 hPa
Viscosity, dynamic: no data available
Viscosity, kinematic: no data available

9.2. Other information
No additional information available.

10. STABILITY AND REACTIVITY

10.1. Reactivity
The product is non-reactive under recommended conditions of use, storage and transport.

10.2. Chemical stability
The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid
Keep away from heat sources, open flames and sunlight.
Materials to avoid: No information available.

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced. Carbon dioxide and the carbon monoxide may form when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No. 1272/2008
Acute toxicity, oral, dermal - components:
Geraniol oral LD50 3600.0 mg/kg - Rat dermal LD50 5000.0 mg/kg - Rabbit
2-Benzylideneheptanal oral LD50 3730.0 mg/kg - Rat
Hydroxycitronellal oral LD50 5888.0 mg/kg - Rat
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde oral LD50 3100.0 mg/kg - Rat dermal LD50 5000.0 mg/kg - Rabbit
3-(4-Ethylphenyl)-2,2-dimethylpropanal oral LD50 5000.0 mg/kg - Rat dermal LD50 5000.0 mg/kg - Rabbit
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one oral LD50 5000.0 mg/kg - Rat dermal LD50 5000.0 mg/kg - Rabbit
piperonal oral LD50 2700.0 mg/kg - Rat dermal LD50 5000.0 mg/kg - Rat
Nerol oral LD50 4500.0 mg/kg - Rat
Eugenol oral LD50 2130.0 mg/kg - guinea pig
Phenylacetaldehyde oral LD50 1550.0 mg/kg - Rat
Citral oral LD50 4950.0 mg/kg - Rat dermal LD50 2250.0 mg/kg - Rabbit
Coumarin oral LD50 500.0 mg/kg - Rat
Methylisoeugenol oral LD50 2500.0 mg/kg - Rat dermal LD50 5000.0 mg/kg - Rabbit
3-(p-Methoxyphenyl)-2-methylpropionaldehyde dermal LD50 5000.0 mg/kg - Rabbit
Cinnamaldehyde oral LD50 2200.0 mg/kg - Rat
1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one oral LD50 2900.0 mg/kg - Rat
Benzyl acetate oral LD50 2490.0 mg/kg - Rat
2-Phenylethanol oral LD50 1610.0 mg/kg - Rat

Linalool oral LD50 2790.0 mg/kg - Rat
3,7-Dimethyloctan-3-ol oral LD50 5000.0 mg/kg - Rat dermal LD50 5000.0 mg/kg - Rabbit
Citronellol oral LD50 3450.0 mg/kg - Rat dermal LD50 2650.0 mg/kg - Rabbit
2-tert-Butylcyclohexyl acetate oral LD50 4600.0 mg/kg - Rat dermal LD50 5000.0 mg/kg - Rabbit
2,6-dimethyloct-7-en-2-ol oral LD50 3600.0 mg/kg - Rat
Benzyl salicylate oral LD50 2227.0 mg/kg - Rat dermal LD50 14150.0 mg/kg - Rabbit
Geranyl acetate oral LD50 6330.0 mg/kg - Rat
Cinnamyl alcohol oral LD50 2000.0 mg/kg - Rat
(2E)-2-(phenylmethylidene)octanal oral LD50 3100.0 mg/kg - Rat

Acute inhalation toxicity: No data is available.
Acute toxicity (other routes of administration): No data is available.
Skin corrosion/irritation
Skin irritation: No data is available.
Serious eye damage/eye irritation
Eye irritation: No data is available.
Respiratory or skin sensitisation
Sensitisation: No data is available.
Germ cell mutagenicity: No data is available.
Carcinogenicity: No data is available.
Reproductive toxicity: No data is available.
Target Organ Systemic Toxicant - Single exposure: No data is available.
Target Organ Systemic Toxicant - Repeated exposure: No data is available.
Aspiration toxicity: No data is available.
Phototoxicity: No data is available.

11.2. Information on other hazards
Endocrine disrupting properties: The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0 .1% or more

12. ECOLOGICAL INFORMATION

12.1. Toxicity
Hazardous to the aquatic environment, short-term (acute): No data available.
Hazardous to the aquatic environment, long-term (chronic): No data available.

12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential
No additional information available.

12.4. Mobility in soil
No additional information available.

12.5. Results of PBT and vPvB assessment
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6. Endocrine disrupting properties
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57 (f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects
An environmental hazard cannot be ruled out in the event of improper handling or disposal. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Disposal recommendations
Dispose in accordance with local and national regulations. Product should not be allowed to enter drains, pipes, or soil.
Product/Packaging disposal recommendations
Empty containers should be taken for local recycling, recovery or waste disposal. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of like the product.

14. TRANSPORT INFORMATION

14.1. UN number
Not regulated. No dangerous good in sense of transport regulations.
14.2. UN proper shipping name

Not regulated. No dangerous good in sense of transport regulations.
14.3. Transport hazard class(es)
Not regulated. No dangerous good in sense of transport regulations.
14.4. Packing Group
Not regulated. No dangerous good in sense of transport regulations.
14.5. Environmental hazards
Not regulated. No dangerous good in sense of transport regulations.
14.6. Special Precautions for User
No dangerous good in sense of transport regulations.
14.7. Maritime transport in bulk according to IMO instruments
Not applicable

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No information available.

15.2. Chemical safety assessment
No information available.

16. OTHER INFORMATION

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.

16.1 Relevant H and EUH statements
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.

16.2 Abbreviations and acronyms

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Test-ing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA – European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergen-cy Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration as-sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good La-boratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships car-rying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - Interna-tional Civil Aviation Organization; IECSC – Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO – International Maritime Organization; INCI: International Nomenclature of Cosmetic Ingredients; ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - Interna-tional Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic sub-stance; PNEC: Predicted No Effect Concentration; REACH – Regulation of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; STE: Short-term exposure; STEL: Short Term Exposure limit; STOT: Specific Target Organ Toxicity; UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

This SDS cancels and replaces any preceding release. This document was prepared by a competent person who has received appropriate training. The information provided in this safety data sheet complies with our current level of knowledge as well as with national and EU regulations, at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The product must not be used for purposes other than those mentioned in section 1. It is always the duty of the user to take the necessary measures to comply with the requirements set by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and should not be considered warranted attributes of the product.