

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

1.1. Product identifier

Product form	: Mixture
Trade name	: Fragrance Gingerbread 00011693
UFI	: 8WC1-71A4-200H-MJU8
Product code	: 00011693
Type of product	: Perfumes, fragrances
Product group	: Trade product

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

1.2.1. Relevant identified uses

Main use category	: Industrial use, Professional use
Industrial/Professional use spec	: Industrial For professional use only
Use of the substance/mixture	: Perfumes, fragrances
Function or use category	: Odour agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier:

Lemo Fun SRL
 Nicolae Licaret 6, Bucharest, Romania
 Tel. +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
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin sensitisation, Category 1	H317
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

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)



Signal word (CLP)

: Warning

Contains

: Aldehyde C-16; Citrus medica limonum (Lemon) peel oil; Vertenex; COUMARIN; Anise oil (Spanish); Linalool; 1,2-Cyclopentanedione, 3-methyl-; Cinnamic aldehyde; beta-Caryophyllene; Lime Oxide; Ginger oil; Artemesia vulgaris oil (Armoise)

Hazard statements (CLP)	: H317 - May cause an allergic skin reaction. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. 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. P302+P352 - IF ON SKIN: Wash with plenty of water. P321 - Specific treatment (see supplemental first aid instruction on this label).
Extra phrases	: For professional users only.

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**3.1. Substances**

Not applicable

3.2. Mixtures

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB)	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7 REACH-no: 01-2119488227-29	2.4 – 4.775	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Ethyl vanillin	CAS-No.: 121-32-4 EC-No.: 204-464-7 REACH-no: 01-211958961-24	2.2 – 4.3	Eye Irrit. 2, H319
Sandal Mysore Core	CAS-No.: 28219-60-5	0.8 – 1.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Ethyl maltol	CAS-No.: 4940-11-8 EC-No.: 225-582-5	0.7 – 1.3	Acute Tox. 4 (Oral), H302
Citrus medica limonum (Lemon) peel oil	CAS-No.: 8008-56-8 EC-No.: 284-515-8	0.6 – 1.25	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Repr. 2, H361 Aquatic Chronic 2, H411
benzyl alcohol (substance with national workplace exposure limit(s)) (BG, CZ, DE, FI, LT, LV, PL, SI, CH)	CAS-No.: 100-51-6 EC-No.: 202-859-9 EC Index-No.: 603-057-00-5 REACH-no: 01-2119492630-38	0.5 – 1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Aldehyde C-16	CAS-No.: 77-83-8 EC-No.: 201-061-8 REACH-no: 01-2119967770-28	0.4 – 0.85	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016-42	0.3 – 0.6025	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
COUMARIN	CAS-No.: 91-64-5 EC-No.: 202-086-7 REACH-no: 01-2119943756-26	0.30001 – 0.500025	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411
benzaldehyde (substance with national workplace exposure limit(s)) (BG, FI, HU, LT, LV, PL)	CAS-No.: 100-52-7 EC-No.: 202-860-4 EC Index-No.: 605-012-00-5 REACH-no: 01-2119455540-44	0.1 – 0.25	Acute Tox. 4 (Oral), H302
Vertenex	CAS-No.: 32210-23-4 EC-No.: 250-954-9 REACH-no: 01-2119976286-24	0.1 – 0.25	Skin Sens. 1B, H317
ethyl lactate; ethyl DL-lactate (substance with national workplace exposure limit(s)) (FI, LT, SE)	CAS-No.: 97-64-3 EC-No.: 202-598-0 EC Index-No.: 607-129-00-7	0.1 – 0.25	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
Anise oil (Spanish)	CAS-No.: 8007-70-3 EC-No.: 616-914-3	0.1 – 0.25	Skin Sens. 1, H317 Muta. 2, H341 Carc. 2, H351 Aquatic Chronic 3, H412
1,2-Cyclopentanedione, 3-methyl-	CAS-No.: 765-70-8 EC-No.: 212-154-8	0.1 – 0.2	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317
Benzyl acetate (substance with national workplace exposure limit(s)) (BE, DK, ES, IE, LT, LV, PT, RO)	CAS-No.: 140-11-4 EC-No.: 205-399-7 REACH-no: 01-2119638272-42	0.1 – 0.2	Aquatic Chronic 3, H412
beta-Caryophyllene	CAS-No.: 87-44-5 EC-No.: 201-746-1 REACH-no: 01-2120745237-53	0.055 – 0.1875	Skin Sens. 1B, H317 Asp. Tox. 1, H304
butyric acid (substance with national workplace exposure limit(s)) (BG, LT, LV, RO)	CAS-No.: 107-92-6 EC-No.: 203-532-3 EC Index-No.: 607-135-00-X	0.1 – 0.15	Skin Corr. 1B, H314
Artemisia vulgaris oil (Armoise)	CAS-No.: 68991-20-8 EC-No.: 283-874-8	0.1 – 0.15	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 STOT SE 2, H371 Asp. Tox. 1, H304 Aquatic Chronic 3, H412 Eye Irrit. 2, H319
Lime Oxide	CAS-No.: 73018-51-6 EC-No.: 277-225-8	0.1 – 0.1	Flam. Liq. 3, H226 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Ginger oil	CAS-No.: 8007-08-7 EC-No.: 283-634-2	0.1 – 0.1	Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Cinnamic aldehyde	CAS-No.: 104-55-2 EC-No.: 203-213-9 REACH-no: 01-2119935242-45	0.005 – 0.03125	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317 Aquatic Chronic 3, H412
Alcohol C-10 (substance with national workplace exposure limit(s)) (BG, DE, LT, LV, RO, CH)	CAS-No.: 112-30-1 EC-No.: 203-956-9	0 – 0.0042	Aquatic Chronic 3, H412
(R)-p-mentha-1,8-diene; d-limonene (substance with national workplace exposure limit(s)) (DE, ES, FI, SI, NO, CH)	CAS-No.: 5989-27-5 EC-No.: 205-341-0 EC Index-No.: 601-096-00-2 REACH-no: 01-2119493353-35	< 0.0025	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
.beta.-Pinene (substance with national workplace exposure limit(s)) (BE, EE, ES, LT, PT, SE, NO)	CAS-No.: 127-91-3 EC-No.: 204-872-5	< 0.0025	Flam. Liq. 3, H226
.alpha.-Pinene (substance with national workplace exposure limit(s)) (BE, EE, ES, LT, PT, SE, NO)	CAS-No.: 80-56-8 EC-No.: 201-291-9	< 0.0025	Flam. Liq. 3, H226
Aldehyde C-6 (substance with national workplace exposure limit(s)) (FI, PL)	CAS-No.: 66-25-1 EC-No.: 200-624-5	0 – 0.0011	Flam. Liq. 3, H226

Caproic acid (substance with national workplace exposure limit(s)) (BG, LT, LV)	CAS-No.: 142-62-1 EC-No.: 205-550-7	0 – 0.0001	Eye Dam. 1, H318 Skin Corr. 1C, H314
Full text of H- and EUH-statements: see section 16			

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: 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 eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact	: May cause an allergic skin reaction.
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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	: Water spray. Dry powder. Foam. Carbon dioxide.
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5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
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6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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6.2. Environmental precautions

Avoid release to the environment.

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

6.4. Reference to other sections

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. 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	: Store in a well-ventilated place. Keep cool.
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.

Switzerland

Storage class (LK)	: LK 10/12 - Liquids
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7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1 National occupational exposure and biological limit values****benzyl alcohol (100-51-6)****Bulgaria - Occupational Exposure Limits**

OEL TWA	: 5 mg/m ³
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Czech Republic - Occupational Exposure Limits

PEL (OEL TWA)	: 40 mg/m ³
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Finland - Occupational Exposure Limits

HTP (OEL TWA)	: 45 mg/m ³ 10 ppm
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Germany - Occupational Exposure Limits (TRGS 900)

AGW (OEL TWA)	: 22 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
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Chemical category	: Skin notation
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Latvia - Occupational Exposure Limits

OEL TWA	: 5 mg/m ³
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Lithuania - Occupational Exposure Limits

IPRV (OEL TWA)	: 5 mg/m ³
OEL chemical category	: Skin notation

Poland - Occupational Exposure Limits

NDS (OEL TWA)	: 240 mg/m ³
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Slovenia - Occupational Exposure Limits

OEL TWA	: 22 mg/m ³ 5 ppm
OEL STEL	: 44 mg/m ³ 10 ppm
OEL chemical category	: Potential for cutaneous absorption

Switzerland - Occupational Exposure Limits

MAK (OEL TWA)	: 22 mg/m ³ (aerosol, vapour) 5 ppm (aerosol, vapour)
OEL chemical category	: Skin notation

benzaldehyde (100-52-7)**Bulgaria - Occupational Exposure Limits**

OEL TWA	: 5 mg/m ³
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Finland - Occupational Exposure Limits

HTP (OEL TWA)	: 4.4 mg/m ³ 1 ppm
HTP (OEL C)	: 17.4 mg/m ³ 4 ppm

Hungary - Occupational Exposure Limits

AK (OEL TWA)	: 5 mg/m ³
CK (OEL STEL)	: 10 mg/m ³

Latvia - Occupational Exposure Limits

OEL TWA	: 5 mg/m ³
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Lithuania - Occupational Exposure Limits

IPRV (OEL TWA)	: 5 mg/m ³
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Poland - Occupational Exposure Limits

NDS (OEL TWA)	: 10 mg/m ³
NDSch (OEL STEL)	: 40 mg/m ³

ethyl lactate; ethyl DL-lactate (97-64-3)**Finland - Occupational Exposure Limits**

HTP (OEL TWA)	: 25 mg/m ³ 5 ppm
HTP (OEL STEL)	: 49 mg/m ³ 10 ppm

Lithuania - Occupational Exposure Limits

IPRV (OEL TWA)	: 25 mg/m ³ 5 ppm
TPRV (OEL STEL)	: 50 mg/m ³ 10 ppm

Sweden - Occupational Exposure Limits

NGV (OEL TWA)	: 25 mg/m ³ (same limit value expressed in ppm shall be applied for those lactates for which no limit values have been defined) 5 ppm
KGV (OEL STEL)	: 50 mg/m ³ (same limit value expressed in ppm shall be applied for those lactates for which no limit values have been defined) 10 ppm

(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)**Finland - Occupational Exposure Limits**

HTP (OEL TWA)	: 140 mg/m ³ 25 ppm
HTP (OEL STEL)	: 280 mg/m ³ 50 ppm

Germany - Occupational Exposure Limits (TRGS 900)

AGW (OEL TWA)	: 28 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Chemical category	: Skin notation, Skin sensitization

Slovenia - Occupational Exposure Limits

OEL TWA	: 28 mg/m ³ 5 ppm
OEL STEL	: 112 mg/m ³ 20 ppm
OEL chemical category	: Potential for cutaneous absorption

Spain - Occupational Exposure Limits

VLA-ED (OEL TWA)	: 168 mg/m ³ 30 ppm
OEL chemical category	: Sensitizer, skin - potential for cutaneous absorption

Norway - Occupational Exposure Limits

Greenseverdi (OEL TWA)	: 140 mg/m ³ 25 ppm
Korttidsverdi (OEL STEL)	: 175 mg/m ³ (value calculated) 37.5 ppm (value calculated)
OEL chemical category	: Allergenic substance

Switzerland - Occupational Exposure Limits

MAK (OEL TWA)	: 40 mg/m ³ 7 ppm
KZGW (OEL STEL)	: 80 mg/m ³ 14 ppm
OEL chemical category	: Sensitizer

.beta.-Pinene (127-91-3)**Belgium - Occupational Exposure Limits**

OEL TWA	: 20 ppm
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Estonia - Occupational Exposure Limits

OEL TWA	: 150 mg/m ³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 25 ppm
OEL STEL	: 300 mg/m ³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 50 ppm

Lithuania - Occupational Exposure Limits

IPRV (OEL TWA)	: 150 mg/m ³ 25 ppm
TPRV (OEL STEL)	: 300 mg/m ³ 50 ppm

Portugal - Occupational Exposure Limits

OEL TWA	: 20 ppm (Turpentine and selected Monoterpenes)
OEL chemical category	: Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen

Spain - Occupational Exposure Limits

VLA-ED (OEL TWA)	: 113 mg/m ³ 20 ppm
OEL chemical category	: Sensitizer

Sweden - Occupational Exposure Limits

NGV (OEL TWA)	: 150 mg/m ³ 25 ppm
KGV (OEL STEL)	: 300 mg/m ³ 50 ppm
OEL chemical category	: Sensitizer

Norway - Occupational Exposure Limits

Greenseverdi (OEL TWA)	: 140 mg/m ³ 25 ppm
Korttidsverdi (OEL STEL)	: 175 mg/m ³ (value calculated) 37.5 ppm (value calculated)
OEL chemical category	: Allergenic substance

USA - ACGIH - Occupational Exposure Limits

ACGIH OEL TWA	: 20 ppm (Turpentine and selected Monoterpenes)
ACGIH chemical category	: Not Classifiable as a Human Carcinogen, dermal sensitizer

.alpha.-Pinene (80-56-8)**Belgium - Occupational Exposure Limits**

OEL TWA	: 20 ppm
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Estonia - Occupational Exposure Limits

OEL TWA	: 150 mg/m ³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 25 ppm
OEL STEL	: 300 mg/m ³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 50 ppm

Lithuania - Occupational Exposure Limits

IPRV (OEL TWA) : 150 mg/m³ 25 ppmTPRV (OEL STEL) : 300 mg/m³ 50 ppm**Portugal - Occupational Exposure Limits**

OEL TWA : 20 ppm (Turpentine and selected Monoterpenes)

OEL chemical category : Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen

Spain - Occupational Exposure LimitsVLA-ED (OEL TWA) : 113 mg/m³ 20 ppm

OEL chemical category : Sensitizer

Sweden - Occupational Exposure LimitsNGV (OEL TWA) : 150 mg/m³ 25 ppmKGV (OEL STEL) : 300 mg/m³ 50 ppm

OEL chemical category : Sensitizer

Norway - Occupational Exposure LimitsGrenseverdi (OEL TWA) : 140 mg/m³ 25 ppmKorttidsverdi (OEL STEL) : 175 mg/m³ (value calculated) 37.5 ppm (value calculated)

OEL chemical category : Skin notation

USA - ACGIH - Occupational Exposure Limits

ACGIH OEL TWA : 20 ppm (Turpentine and selected Monoterpenes)

ACGIH chemical category : Not Classifiable as a Human Carcinogen, dermal sensitizer

butyric acid (107-92-6)**Bulgaria - Occupational Exposure Limits**OEL TWA : 10 mg/m³**Latvia - Occupational Exposure Limits**OEL TWA : 10 mg/m³**Lithuania - Occupational Exposure Limits**IPRV (OEL TWA) : 10 mg/m³**Romania - Occupational Exposure Limits**OEL TWA : 15 mg/m³ 4 ppmOEL STEL : 30 mg/m³ 8 ppm**Alcohol C-10 (112-30-1)****Bulgaria - Occupational Exposure Limits**OEL TWA : 10 mg/m³**Germany - Occupational Exposure Limits (TRGS 900)**AGW (OEL TWA) : 66 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) 10 ppm**Latvia - Occupational Exposure Limits**OEL TWA : 10 mg/m³**Lithuania - Occupational Exposure Limits**IPRV (OEL TWA) : 10 mg/m³**Romania - Occupational Exposure Limits**OEL TWA : 100 mg/m³ 15 ppmOEL STEL : 200 mg/m³ 30 ppm**Switzerland - Occupational Exposure Limits**MAK (OEL TWA) : 66 mg/m³ (aerosol, vapour) 10 ppm (aerosol, vapour)KZGW (OEL STEL) : 66 mg/m³ (aerosol, vapour) 10 ppm (aerosol, vapour)**Benzyl acetate (140-11-4)****Belgium - Occupational Exposure Limits**OEL TWA : 62 mg/m³ 10 ppm**Denmark - Occupational Exposure Limits**OEL TWA : 61 mg/m³ 10 ppmOEL STEL : 122 mg/m³ 20 ppm**Ireland - Occupational Exposure Limits**

OEL TWA : 10 ppm

OEL STEL : 30 ppm (calculated)

Latvia - Occupational Exposure LimitsOEL TWA : 5 mg/m³**Lithuania - Occupational Exposure Limits**IPRV (OEL TWA) : 5 mg/m³**Portugal - Occupational Exposure Limits**

OEL TWA : 10 ppm

OEL chemical category : A4 - Not Classifiable as a Human Carcinogen

Romania - Occupational Exposure LimitsOEL TWA : 50 mg/m³ 8 ppmOEL STEL : 80 mg/m³ 13 ppm

Spain - Occupational Exposure LimitsVLA-ED (OEL TWA) : 62 mg/m³ 10 ppm**USA - ACGIH - Occupational Exposure Limits**

ACGIH OEL TWA : 10 ppm

ACGIH chemical category : Not Classifiable as a Human Carcinogen

Caproic acid (142-62-1)**Bulgaria - Occupational Exposure Limits**OEL TWA : 5 mg/m³**Latvia - Occupational Exposure Limits**OEL TWA : 5 mg/m³**Lithuania - Occupational Exposure Limits**IPRV (OEL TWA) : 5 mg/m³**Aldehyde C-6 (66-25-1)****Finland - Occupational Exposure Limits**HTP (OEL STEL) : 42 mg/m³ 10 ppm**Poland - Occupational Exposure Limits**NDS (OEL TWA) : 40 mg/m³NDSCh (OEL STEL) : 80 mg/m³**8.1.2. Recommended monitoring procedures**

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls**8.2.1. Appropriate engineering controls****Appropriate engineering controls:**

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment**Personal protective equipment symbol(s):****8.2.2.1. Eye and face protection****Eye protection:**

Safety glasses

8.2.2.2. Skin protection**Skin and body protection:**

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls**Environmental exposure controls:**

Avoid release to the environment.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state

: Liquid

Colour	: light yellow. amber. Conforms to standard.
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	: 80 °C (closed cup) ASTM D7094
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	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 0.92
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

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.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

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.

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

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)

LD50 oral rat	: > 3250 mg/kg (Source: CHEMVIEW)
LD50 dermal rabbit	: > 3250 mg/kg (Source: CHEMVIEW)
LC50 Inhalation - Rat	: > 5.04 mg/l/4h

Ethyl vanillin (121-32-4)

LD50 oral rat	: 1590 mg/kg (Source: NLM_CIP)
LD50 oral	: 3000 mg/kg bodyweight
LD50 dermal rat	: > 2000 mg/kg (Source: ECHA_API)

Ethyl maltol (4940-11-8)

LD50 oral rat	: 1150 mg/kg (Source: NLM_CIP)
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LD50 oral : 1200 mg/kg bodyweight
 LD50 dermal rabbit : > 5000 mg/kg (Source: ECHA_API)

benzyl alcohol (100-51-6)

LD50 oral rat : 1230 mg/kg (Source: NLM_CIP)
 LD50 oral : 1570 mg/kg

Aldehyde C-16 (77-83-8)

LD50 oral rat : 5470 mg/kg (Source: NLM_CIP)
 LD50 dermal rat : > 2000 mg/kg (Source: ECHA_API)

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

LD50 oral rat : 2840 mg/kg (Source: NLM_CIP)

benzaldehyde (100-52-7)

LD50 oral rat : 1292 mg/kg (Source: JAPAN_GHS)
 LD50 dermal rabbit : > 1250 mg/kg (Source: JAPAN_GHS)

Vertenex (32210-23-4)

LD50 oral rat : 5 g/kg (Source: NLM_CIP)
 LD50 oral : 3370 mg/kg bodyweight
 LD50 dermal rabbit : > 5000 mg/kg (Source: CHEMVIEW)

COUMARIN (91-64-5)

LD50 oral rat : > 5000 mg/kg (Source: JAPAN_GHS)
 LD50 dermal rat : 293 mg/kg (Source: ECHA_API)

ethyl lactate; ethyl DL-lactate (97-64-3)

LD50 oral rat : 8200 mg/kg (Source: NLM_CIP)
 LD50 oral : 2500 mg/kg bodyweight
 LD50 dermal rabbit : > 5 g/kg (Source: NLM_HSDB)

Anise oil (Spanish) (8007-70-3)

LD50 oral rat : 2250 mg/kg (Source: NLM_CIP)
 LD50 oral : 2200 mg/kg

Linalool (78-70-6)

LD50 oral : 2790 mg/kg bodyweight

1,2-Cyclopentanedione, 3-methyl- (765-70-8)

LD50 oral : 1067 mg/kg bodyweight

Cinnamic aldehyde (104-55-2)

LD50 oral rat : 2220 mg/kg (Source: NLM_CIP)
 LD50 oral : 2220 mg/kg
 LD50 dermal rabbit : 1260 mg/kg (Source: EPA_HPVP)

(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)

LD50 oral rat : 4400 mg/kg (Source: CHEMVIEW)
 LD50 dermal rabbit : > 5 g/kg (Source: CHEMVIEW)

.beta.-Pinene (127-91-3)

LD50 oral rat : > 5000 mg/kg (Source: EPA_HPVP)
 LD50 dermal rabbit : > 5000 mg/kg (Source: CHEMVIEW)

.alpha.-Pinene (80-56-8)

LD50 oral rat : 3700 mg/kg (Source: NLM_CIP)
 LD50 oral : 500 mg/kg bodyweight
 LD50 dermal rat : > 5000 mg/kg (Source: CHEMVIEW)

butyric acid (107-92-6)

LD50 oral rat : 2 g/kg (Source: NLM_CIP)
 LD50 oral : 1630 mg/kg bodyweight
 LD50 dermal rabbit : 530 mg/kg (Source: NLM_HSDB)

Alcohol C-10 (112-30-1)

LD50 oral rat : 4720 mg/kg (Source: NZ_CCID)
 LD50 dermal rabbit : 3560 mg/kg (Source: NLM_CIP)

Benzyl acetate (140-11-4)

LD50 oral rat : 2490 mg/kg (Source: JAPAN_GHS)
 LD50 oral : 2490 mg/kg bodyweight
 LD50 dermal rabbit : > 5000 mg/kg (Source: JAPAN_GHS)

Caproic acid (142-62-1)

LD50 oral rat : 3 g/kg (Source: NLM_HSDB)
 LD50 oral : 4000 mg/kg bodyweight
 LD50 dermal rabbit : 630 mg/kg (Source: NLM_HSDB)

Aldehyde C-6 (66-25-1)

LD50 oral rat : 4890 mg/kg (Source: NLM_CIP)
 LD50 dermal rabbit : > 8100 mg/kg (Source: ECHA_API)

Ginger oil (8007-08-7)

LD50 oral rat : > 5 g/kg (Source: NLM_CIP)

Artemisia vulgaris oil (Armoise) (68991-20-8)

LD50 oral : 747 mg/kg bodyweight

Skin corrosion/irritation : Not classified
 Serious eye damage/irritation : Not classified
 Respiratory or skin sensitisation : May cause an allergic skin reaction.
 Germ cell mutagenicity : Not classified
 Carcinogenicity : Not classified

COUMARIN (91-64-5)

IARC group : 3 - Not classifiable

(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)

IARC group : 3 - Not classifiable

Benzyl acetate (140-11-4)

IARC group : 3 - Not classifiable

Reproductive toxicity : Not classified
 STOT-single exposure : Not classified

ethyl lactate; ethyl DL-lactate (97-64-3)

STOT-single exposure : May cause respiratory irritation.

Artemisia vulgaris oil (Armoise) (68991-20-8)

STOT-single exposure : May cause damage to organs.

STOT-repeated exposure : Not classified
 Aspiration hazard : Not classified

11.2. Information on other hazards

No additional information available

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.

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)

LC50 - Fish [1] : 0.452 mg/l Wolf, 1996d-27682
 LC50 - Other aquatic organisms [1] : > 0.14 mg/l REACH DOSSIER Pimephales promelas
 EC50 - Crustacea [2] : 260 µg/l REACH Dossier
 EC50 - Other aquatic organisms [1] : 0.131 mg/l REACH Dossier

Ethyl vanillin (121-32-4)

LC50 - Fish [1] : 81.4 – 94.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)

Ethyl maltol (4940-11-8)

LC50 - Fish [1] : > 85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: ECHA)

benzyl alcohol (100-51-6)

LC50 - Fish [1] : 460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)
 LC50 - Fish [2] : 10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
 EC50 - Crustacea [1] : 23 mg/l (Exposure time: 48 h - Species: water flea)

Aldehyde C-16 (77-83-8)

LC50 - Fish [1] : 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: ECHA)

benzaldehyde (100-52-7)

LC50 - Fish [1] : 10.6 – 11.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through] Source: EPA)
 LC50 - Fish [2] : 12.69 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: IUCLID)

Vertenex (32210-23-4)

LC50 - Fish [1] : 8.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static] Source: ECHA)

Linalool (78-70-6)

EC50 96h - Algae [1] : 88.3 mg/l (Species: Desmodesmus subspicatus)

(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)

LC50 - Fish [1] : 0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
 LC50 - Fish [2] : 35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: EPA)

.alpha.-Pinene (80-56-8)

LC50 - Fish [1] : 0.28 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID)

EC50 - Crustacea [1] : 41 mg/l (Exposure time: 48 h - Species: Daphnia magna)

butyric acid (107-92-6)

EC50 72h - Algae [1] : 46.7 mg/l (Species: Desmodesmus subspicatus)

Alcohol C-10 (112-30-1)

LC50 - Fish [1] : 2.2 – 2.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)

LC50 - Fish [2] : 4.12 – 6.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)

EC50 - Crustacea [1] : 3 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Caproic acid (142-62-1)

LC50 - Fish [1] : 306 – 334 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)

LC50 - Fish [2] : 88 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)

Aldehyde C-6 (66-25-1)

LC50 - Fish [1] : 12 – 16.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)

12.2. Persistence and degradability

Fragrance Gingerbread 00011693

Persistence and degradability : Rapidly degradable

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)

Persistence and degradability : Rapidly degradable

Ethyl vanillin (121-32-4)

Persistence and degradability : Rapidly degradable

Sandal Mysore Core (28219-60-5)

Persistence and degradability : Rapidly degradable

Ethyl maltol (4940-11-8)

Persistence and degradability : Rapidly degradable

benzyl alcohol (100-51-6)

Persistence and degradability : Rapidly degradable

Aldehyde C-16 (77-83-8)

Persistence and degradability : Rapidly degradable

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

Persistence and degradability : Rapidly degradable

benzaldehyde (100-52-7)

Persistence and degradability : Rapidly degradable

Vertenex (32210-23-4)

Persistence and degradability : Rapidly degradable

COUMARIN (91-64-5)

Persistence and degradability : Rapidly degradable

ethyl lactate; ethyl DL-lactate (97-64-3)

Persistence and degradability : Rapidly degradable

Anise oil (Spanish) (8007-70-3)

Persistence and degradability : Rapidly degradable

Linalool (78-70-6)

Persistence and degradability : Rapidly degradable

1,2-Cyclopentanedione, 3-methyl- (765-70-8)

Persistence and degradability : Rapidly degradable

Cinnamic aldehyde (104-55-2)

Persistence and degradability : Rapidly degradable

(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)

Persistence and degradability : Rapidly degradable

.beta.-Pinene (127-91-3)

Persistence and degradability : Rapidly degradable

.alpha.-Pinene (80-56-8)

Persistence and degradability : Rapidly degradable

beta-Caryophyllene (87-44-5)

Persistence and degradability : Rapidly degradable

butyric acid (107-92-6)

Persistence and degradability : Rapidly degradable

Alcohol C-10 (112-30-1)

Persistence and degradability : Rapidly degradable

Benzyl acetate (140-11-4)

Persistence and degradability : Rapidly degradable

Caproic acid (142-62-1)

Persistence and degradability : Rapidly degradable

Aldehyde C-6 (66-25-1)

Persistence and degradability : Rapidly degradable

Lime Oxide (73018-51-6)

Persistence and degradability : Rapidly degradable

Ginger oil (8007-08-7)

Persistence and degradability : Rapidly degradable

Artemisia vulgaris oil (Armoise) (68991-20-8)

Persistence and degradability : Rapidly degradable

12.3. Bioaccumulative potential**1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)**

BCF - Fish [1] : 1618 dimensionless (whole body w.w.)

Partition coefficient n-octanol/water (Log Pow) : 5.3 (at 25 °C (at pH 7))

Ethyl vanillin (121-32-4)

Partition coefficient n-octanol/water (Log Pow) : 1.61 (at 25 °C)

Ethyl maltol (4940-11-8)

Partition coefficient n-octanol/water (Log Pow) : 2.9 (at 25 °C)

benzyl alcohol (100-51-6)

Partition coefficient n-octanol/water (Log Pow) : 1.05

Aldehyde C-16 (77-83-8)

Partition coefficient n-octanol/water (Log Pow) : 2.4 (at 25 °C (cis isomer))

benzaldehyde (100-52-7)

BCF - Fish [1] : no significant bioaccumulation

Partition coefficient n-octanol/water (Log Pow) : 1.4 (at 25 °C)

Vertenex (32210-23-4)

Partition coefficient n-octanol/water (Log Pow) : 4.8 (at 25 °C)

ethyl lactate; ethyl DL-lactate (97-64-3)

Partition coefficient n-octanol/water (Log Pow) : 0.7 (at 25 °C (at pH >2-<8))

Cinnamic aldehyde (104-55-2)

Partition coefficient n-octanol/water (Log Pow) : 2.1065 (at 25 °C)

(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)

Partition coefficient n-octanol/water (Log Pow) : 4.38 (at 37 °C (at pH 7.2))

.alpha.-Pinene (80-56-8)

Partition coefficient n-octanol/water (Log Pow) : 4.1

beta-Caryophyllene (87-44-5)

Partition coefficient n-octanol/water (Log Pow) : 6.23 (at 25 °C (at pH 7))

butyric acid (107-92-6)

Partition coefficient n-octanol/water (Log Pow) : 1.1 (at 25 °C (at pH 3))

Alcohol C-10 (112-30-1)

Partition coefficient n-octanol/water (Log Pow) : 4.5 (at 25 °C (at pH 6))

Benzyl acetate (140-11-4)

Partition coefficient n-octanol/water (Log Pow) : 1.96 (at 25 °C (at pH 7))

Caproic acid (142-62-1)

Partition coefficient n-octanol/water (Log Pow) : 1.88

Aldehyde C-6 (66-25-1)

Partition coefficient n-octanol/water (Log Pow) : 2.3 (at 25 °C (at pH 5))

Lime Oxide (73018-51-6)

Partition coefficient n-octanol/water (Log Pow) : 3.3 – 4.9 (at 35 °C (at pH 7))

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

No additional information available

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste treatment methods

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

HP Code

: HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye. 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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shipping name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran)	Environmentally hazardous substance, liquid, n.o.s. (Hexamethylindanopyran)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran)
14.3. Transport hazard class(es)				
9	9	9	9	9
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes

No supplementary information available

14.6. Special precautions for user**Overland transport**

Classification code (ADR) : M6
 Special provisions (ADR) : 274, 335, 375, 601
 Limited quantities (ADR) : 5I
 Excepted quantities (ADR) : E1
 Packing instructions (ADR) : P001, IBC03, LP01, R001
 Special packing provisions (ADR) : PP1
 Mixed packing provisions (ADR) : MP19
 Portable tank and bulk container instructions (ADR) : T4
 Portable tank and bulk container special provisions (ADR) : TP1, TP29
 Tank code (ADR) : LGBV
 Vehicle for tank carriage : AT
 Transport category (ADR) : 3
 Special provisions for carriage - Packages (ADR) : V12
 Special provisions for carriage - Loading, unloading and handling (ADR) : CV13
 Hazard identification number (Kemler No.) : 90
 Orange plates : 90 / 3082
 Tunnel restriction code (ADR) : -
 EAC code : *3Z

Transport by sea

Special provisions (IMDG) : 274, 335, 969
 Limited quantities (IMDG) : 5 L
 Excepted quantities (IMDG) : E1
 Packing instructions (IMDG) : LP01, P001
 Special packing provisions (IMDG) : PP1
 IBC packing instructions (IMDG) : IBC03
 Tank instructions (IMDG) : T4
 Tank special provisions (IMDG) : TP1, TP29
 EmS-No. (Fire) : F-A
 EmS-No. (Spillage) : S-F

Stowage category (IMDG)	: A
Air transport	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197, A215
ERG code (IATA)	: 9L

Inland waterway transport

Classification code (ADN)	: M6
Special provisions (ADN)	: 274, 335, 375, 601
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP
Number of blue cones/lights (ADN)	: 0

Rail transport

Classification code (RID)	: M6
Special provisions (RID)	: 274, 335, 375, 601
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Special packing provisions (RID)	: PP1
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBV
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 90

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU-Regulations****REACH Annex XVII (Restriction List)****EU restriction list (REACH Annex XVII)**

Reference code	Applicable on	Entry title or description
3(a)	Citrus medica limonum (Lemon) peel oil; ethyl lactate; ethyl DL-lactate; (R)-p-mentha-1,8-diene; d-limonene; .beta.-Pinene; .alpha.-Pinene; Aldehyde C-6; Lime Oxide; Artemesia vulgaris oil (Armoise)	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 Gingerbread 00011693; Sandal Mysore Core; benzyl alcohol; Aldehyde C-16; Citrus medica limonum (Lemon) peel oil; benzaldehyde; Vertenex; ethyl lactate; ethyl DL-lactate; Anise oil (Spanish); Linalool; (R)-p-mentha-1,8-diene; d-limonene; butyric acid; Caproic acid; Lime Oxide; Ginger oil; Artemesia vulgaris oil (Armoise)	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 Gingerbread 00011693; 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB); Sandal Mysore Core; Aldehyde C-16; Citrus medica limonum (Lemon) peel oil; Anise oil (Spanish); (R)-p-mentha-1,8-diene; d-limonene; Alcohol C-10; Benzyl acetate; Lime Oxide; Ginger oil; Artemesia vulgaris oil (Armoise)	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

40.	Citrus medica limonum (Lemon) peel oil; ethyl lactate; ethyl DL-lactate; (R)-p-mentha-1,8-diene; d-limonene; .beta.-Pinene; .alpha.-Pinene; Aldehyde C-6; Lime Oxide; Artemesia vulgaris oil (Armoise)	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.
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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 (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (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 (273/2004)

Contains no 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)

15.1.2. National regulations**France**

Occupational diseases	
Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

Germany

Employment restrictions	: Observe restrictions according Act on the Protection of Working Mothers (MuSchG). Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).
Water hazard class (WGK)	: WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).
List of sensitizing substances (TRGS 907)	: Contains sensitizing substances according TRGS 907.
Hazardous Incident Ordinance (12. BImSchV)	: Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

ABM category	: A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment
SZW-lijst van kankerverwekkende stoffen	: Lemon oil, Lime Oxide, Ginger oil, Artemesia vulgaris oil (Armoise) are listed
SZW-lijst van mutagene stoffen	: Lemon oil, Lime Oxide, Ginger oil, Artemesia vulgaris oil (Armoise) are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the components are listed

Denmark

Class for fire hazard	: Class III-1
Store unit	: 50 liter
Classification remarks	: Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed
Danish National Regulations	: Young people below the age of 18 years are not allowed to use the product. Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information**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 disrupting properties

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
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
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.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.

H361	Suspected of damaging fertility or the unborn child.
H371	May cause damage to organs.
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.
Muta. 2	Germ cell mutagenicity, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
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
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

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.