

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Mixture
Product name : Olous Aromatique Room Spray
UFI : NV00-U0J0-C00S-9P7W
Product code : F01FR19

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Use of the substance/mixture : Room spray

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Aesop Netherlands B.V.
Utrechtsestraat 93
1017VK
Amsterdam
Netherlands

United Kingdom Address:
Aesop UK Limited
4-5 Long Yard
London WC1N 3LU
United Kingdom

Telephone: +61 3 9412 8900
E-mail: aesop@aesop.com

1.4. Emergency telephone number

Emergency number : Australia: 1800 033 111
Worldwide: +61 3 9663 2130

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Flam. Liq. 3 H226
Skin Sens. 1 H317
Aquatic Chronic 2 H411

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

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

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

Hazard pictograms (CLP)



GHS02

GHS07

GHS09

Signal word (CLP)

: Warning

Contains

: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

Hazard statements (CLP)

: H226 - Flammable liquid and vapour.

H317 - May cause an allergic skin reaction.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P273 - Avoid release to the environment.

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

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

P362+P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents in accordance with local regulations.

Extra phrases

: Supplemental information: Use in a well ventilated space.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT/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 is 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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol	CAS-No.: 64-17-5 EC No.: 200-578-6 EC index No.: 603-002-00-5 REACH-no: 01-2119457610-43	10 - 20	Flam. Liq. 2, H225 Eye Irrit. 2, H319
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	CAS-No.: 54464-57-2 EC No.: 259-174-3 REACH-no: 01-2119489989-04-XXXX	0.1 - <1	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Linalool	CAS-No.: 78-70-6 EC No.: 201-134-4 REACH-no: 01-2119474016-42-XXXX	0.1 - < 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Linalyl acetate	CAS-No.: 115-95-7 EC No.: 204-116-4 REACH-no: 01-2119454789-19-XXXX	0.1 - < 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Dipentene, limonene	CAS-No.: 138-86-3 EC No.: 205-341-0 EC index No.: 601-029-00-7 REACH-no: 01-2119529223-47-XXXX	0.1 - < 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)
Alpha Cedrene	CAS-No.: 469-61-4 EC No.: 207-418-4	0.1 - < 1	Asp. Tox. 1, H304 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
Methanol	CAS-No.: 67-56-1 EC No.: 200-659-6 EC index No.: 603-001-00-X	0.1 - < 1	Flam. Liq. 2, H225 Acute Tox. 3 (Inhalation), H331 (ATE=3 mg/l/4h) Acute Tox. 3 (Dermal), H311 (ATE=300 mg/kg) Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg) STOT SE 1, H370
Pin-2(10)-ene	CAS-No.: 127-91-3 EC No.: 204-872-5 REACH-no: 01-2119519230-54-XXXX	0.1 - < 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Pin-2(3)-ene	CAS-No.: 80-56-8 EC No.: 201-291-9 REACH-no: 01-2119519223-49-XXXX	0.1 - < 1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg) Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Cineole	CAS-No.: 470-82-6 EC No.: 207-431-5 REACH-no: 01-2119967772-24-XXXX	0.1 - < 1	Flam. Liq. 3, H226 Skin Sens. 1B, H317
Diethyl phthalate	CAS-No.: 84-66-2 EC No.: 201-550-6	< 0.1	Not classified
Citral	CAS-No.: 5392-40-5 EC No.: 226-394-6 EC index No.: 605-019-00-3 REACH-no: 01-2119462829-23-XXXX	< 0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Geraniol	CAS-No.: 106-24-1 EC No.: 203-377-1	< 0.1	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317
Nerol	CAS-No.: 106-25-2 EC No.: 203-378-7	< 0.1	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Geranyl acetate	CAS-No.: 105-87-3 EC No.: 203-341-5	< 0.1	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412
p-Cymene	CAS-No.: 99-87-6 EC No.: 202-796-7	< 0.1	Flam. Liq. 3, H226 Repr. 2, H361 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Camphene	CAS-No.: 79-92-5 EC No.: 201-234-8	< 0.1	Flam. Sol. 2, H228 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
p-Mentha-1,4(8)-diene	CAS-No.: 586-62-9 EC No.: 209-578-0	< 0.1	Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
p-Mentha-1,3-diene	CAS-No.: 99-86-5 EC No.: 202-795-1	< 0.1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 (ATE=1680 mg/kg) Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
2-methylpropan-2-ol	CAS-No.: 75-65-0 EC No.: 200-889-7 EC index No.: 603-005-00-1	< 0.1	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 (ATE=11 mg/l/4h) Eye Irrit. 2, H319 STOT SE 3, H336 STOT SE 3, H335
Longifolene	CAS-No.: 475-20-7 EC No.: 207-491-2	< 0.01	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
Ethanol	CAS-No.: 64-17-5 EC No.: 200-578-6 EC index No.: 603-002-00-5 REACH-no: 01-2119457610-43	(50 ≤C < 100) Eye Irrit. 2, H319
Methanol	CAS-No.: 67-56-1 EC No.: 200-659-6 EC index No.: 603-001-00-X	(3 ≤C < 10) STOT SE 2, H371 (10 ≤C ≤ 100) STOT SE 1, H370

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 general	: Never give anything by mouth to an unconscious person. If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	: Remove to fresh air, keep the patient warm and at rest. If symptoms develop, obtain medical attention.

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First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Ensure that folded skin of eyelids is thoroughly washed with water. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms develop, obtain medical attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Give 100 - 200 ml of water to drink. If symptoms develop, obtain medical attention.

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

Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: May cause slight irritation to eyes.

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	: Alcohol-resistant foam. Dry chemical. Carbon dioxide. For large fire: Water spray.
Unsuitable extinguishing media	: Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Flammable liquid and vapour. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours.
Explosion hazard	: May form flammable/explosive vapour-air mixture.
Hazardous decomposition products in case of fire	: Carbon monoxide. Carbon dioxide. Organic compounds.

5.3. Advice for firefighters

Firefighting instructions	: Move containers from fire area if you can do it without risk. Cool closed containers exposed to fire with water spray. Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.
Protection during firefighting	: As in any fire, wear self-contained breathing apparatus and full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Remove ignition sources. Ventilate area. Avoid inhalation of vapours. Avoid contact with eyes, skin and clothing. Evacuate unnecessary personnel.
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6.1.2. For emergency responders

Protective equipment	: Use personal protective equipment as required. See Section 8.
Emergency procedures	: Remove ignition sources. Use only non-sparking tools. Ventilate area. Avoid inhalation of vapours. Avoid contact with eyes, skin and clothing.

6.2. Environmental precautions

Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment	: Stop leak, if possible without risk. Dam up the liquid spill.
Methods for cleaning up	: Use non-sparking tools. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
- Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. The vapour is heavier than air, spreads along the ground and distant ignition is possible. Use only non-sparking tools. Take precautionary measures against static discharge. Ground/bond container and receiving equipment. Use explosion-proof equipment. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Provide good ventilation in process area to prevent formation of vapour.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Keep only in original container. Store tightly closed in a dry, cool and well-ventilated place. Keep out of direct sunlight. Floors should be impervious, resistant to liquids and easy to clean.
- Incompatible materials : Oxidising agents.

7.3. Specific end use(s)

Room spray.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Citral (5392-40-5)	
Ireland - Occupational Exposure Limits	
Local name	Citral
OEL TWA [2]	5 ppm IFV (Inhlabl Fraction and Vapour)
Regulatory reference	Chemical Agents Code of Practice 2021
Diethyl phthalate (84-66-2)	
Ireland - Occupational Exposure Limits	
Local name	Diethyl phthalate
OEL (8 hours ref) (mg/m ³)	5 mg/m ³
OEL (15 min ref) (mg/m ³)	10 mg/m ³
Regulatory reference	Chemical Agents Code of Practice 2021
United Kingdom - Occupational Exposure Limits	
Local name	Diethyl phthalate
WEL TWA (mg/m ³)	5 mg/m ³
WEL STEL (mg/m ³)	10 mg/m ³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

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Methanol (67-56-1)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Methanol
IOELV TWA (ppm)	200 ppm
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC
Ireland - Occupational Exposure Limits	
Local name	Methanol [Methyl alcohol]
OEL (8 hours ref) (mg/m ³)	260 mg/m ³
OEL TWA [2]	200 ppm
Remark	Sk (Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body), IOELV (Indicative Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2021
Ireland - Biological limit values	
Local name	Methanol
BLV	15 mg/l Parameter: methanol - Medium: urine - Sampling time: End of shift - Notations: B (Background), Ns (Non-specific)
Regulatory reference	Biological Monitoring Guidelines (HSA, 2011)
United Kingdom - Occupational Exposure Limits	
Local name	Methanol
WEL TWA (mg/m ³)	266 mg/m ³
WEL TWA (ppm)	200 ppm
WEL STEL (mg/m ³)	333 mg/m ³
WEL STEL (ppm)	250 ppm
Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
2-methylpropan-2-ol (75-65-0)	
Ireland - Occupational Exposure Limits	
Local name	2-Methylpropan-2-ol
OEL (8 hours ref) (mg/m ³)	300 mg/m ³
OEL TWA [2]	100 ppm
OEL (15 min ref) (mg/m ³)	450 mg/m ³
OEL STEL [ppm]	150 ppm
Regulatory reference	Chemical Agents Code of Practice 2021
United Kingdom - Occupational Exposure Limits	
Local name	2-Methylpropan-2-ol
WEL TWA (mg/m ³)	308 mg/m ³
WEL TWA (ppm)	100 ppm
WEL STEL (mg/m ³)	462 mg/m ³

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2-methylpropan-2-ol (75-65-0)	
WEL STEL (ppm)	150 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Ethanol (64-17-5)	
Ireland - Occupational Exposure Limits	
Local name	Ethanol
OEL STEL [ppm]	1000 ppm
Regulatory reference	Chemical Agents Code of Practice 2021
United Kingdom - Occupational Exposure Limits	
Local name	Ethanol
WEL TWA (mg/m ³)	1920 mg/m ³
WEL TWA (ppm)	1000 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

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:

Provide good ventilation in process area to prevent formation of vapour. Ensure exposure is below occupational exposure limits (where available). Local exhaust ventilation (LEV) may be required to control inhalation exposure.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

8.2.2.1. Eye and face protection

Eye protection:

Wear goggles or safety glasses with side shields if contact with the eyes is possible. Standard EN 166 - Personal eye-protection.

8.2.2.2. Skin protection

Skin and body protection:

Long-sleeved protective clothing

Hand protection:

Wear protective gloves if skin contact is possible. Standard EN 374 - Protective gloves against chemicals. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed. Gloves should be removed and replaced if there are any signs of degradation or breakthrough.

8.2.2.3. Respiratory protection

Respiratory protection:

Not required for normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment

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8.2.2.4. Thermal hazards

Thermal hazard protection:

Not required for normal conditions of use.

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Other information:

Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety procedures.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Yellow.
Appearance	: Clear.
Odour	: Ethanol. Herbaceous.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Flammable liquid and vapour.
Explosive properties	: May form flammable/explosive vapour-air mixture.
Oxidising properties	: Not oxidising.
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 60 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Not available
Log Kow	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: 0.98 – 1 (Water = 1)
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

Stable under recommended handling and storage conditions (see section 7). Flammable liquid and vapour.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

May form flammable/explosive vapour-air mixture.

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10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Oxidising agents.

10.6. Hazardous decomposition products

In case of fire product can release: Carbon monoxide. Carbon dioxide. Organic compounds.

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
Additional information	: Based on available data, the classification criteria are not met

Pin-2(3)-ene (80-56-8)	
LD50 oral, rat	> 500 mg/kg bodyweight (female), (OECD 423 method)
LD50 dermal, rabbit	> 2000 mg/kg (OECD 402 method)
Citral (5392-40-5)	
LD50 oral, rat	≈ 6800 mg/kg bodyweight
LD50 dermal, rat	> 2000 mg/kg bodyweight
Geraniol (106-24-1)	
LD50 oral, rat	3600 mg/kg bodyweight
LD50 dermal, rabbit	> 5000 mg/kg bodyweight
Linalool (78-70-6)	
LD50 oral, rat	≈ 2200 mg/kg bodyweight (mouse)(OECD 401 method)
LD50 dermal, rabbit	5610 mg/kg bodyweight (OECD 402 method)
Diethyl phthalate (84-66-2)	
LD50 oral, rat	5591 mg/kg bodyweight
LD50 dermal, rat	11181 mg/kg bodyweight
LC50 inhalation, rat (mg/l)	≥ 4640 mg/m ³ (6 Hours)
2-methylpropan-2-ol (75-65-0)	
LD50 oral, rat	3046 mg/kg bodyweight
LD50 dermal, rabbit	> 2000 mg/kg bodyweight (EU method B.3)
LC50 inhalation, rat (ppm)	> 10000 ppm - 4 Hours (Vapours)
Ethanol (64-17-5)	
LD50 oral, rat	10470 mg/kg (95% Aqueous solution)(OECD 401 method)
LC50 inhalation, rat (mg/l)	124.7 mg/l - 4 Hours, vapours (OECD 401 method)
Linalyl acetate (115-95-7)	
LD50 oral, rat	> 9000 mg/kg bodyweight
LD50 dermal, rabbit	> 5000 mg/kg bodyweight

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Nerol (106-25-2)	
LD50 oral, rat	4500 mg/kg bodyweight
LD50 dermal, rabbit	> 5000 mg/kg bodyweight
Geranyl acetate (105-87-3)	
LD50 oral, rat	6330 mg/kg bodyweight
LD50 dermal, rabbit	> 5460 mg/kg bodyweight
p-Cymene (99-87-6)	
LD50 oral, rat	≈ 4750 mg/kg bodyweight
LD50 dermal, rabbit	> 5000 mg/kg bodyweight
LC50 inhalation, rat (mg/l)	> 9.7 mg/l - 5 Hours
Longifolene (475-20-7)	
LD50 oral, rat	> 5000 mg/kg bodyweight (OECD 401 method)
p-Mentha-1,4(8)-diene (586-62-9)	
LD50 oral, rat	3740 mg/kg bodyweight
LD50 dermal, rabbit	4300 mg/kg bodyweight
p-Mentha-1,3-diene (99-86-5)	
LD50 oral, rat	≈ 1.68 g/kg
LD50 dermal, rat	> 2000 mg/kg bodyweight
Skin corrosion/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Ethanol (64-17-5)	
IARC group	1 - Carcinogenic to humans
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Methanol (67-56-1)	
STOT-single exposure	Causes damage to organs (optic nerve, central nervous system).
2-methylpropan-2-ol (75-65-0)	
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met

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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : No additional information available

11.2.2. Other information

Potential adverse human health effects and symptoms : May cause an allergic skin reaction, May cause slight irritation to eyes

SECTION 12: Ecological information

12.1. Toxicity

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.

Pin-2(3)-ene (80-56-8)	
LC50 fish	0.303 mg/l - 96 Hours (Danio rerio) (OECD 203 method)
EC50 Daphnia	0.475 mg/l - 48 Hours (Daphnia magna, Mobility), (OECD 202 method)
NOEC, algae	0.131 mg/l (48 Hours, Pseudokirchneriella subcapitata, Growth rate (OECD 201 method))
Citral (5392-40-5)	
LC50 fish	6.78 mg/l - 96 Hours (Leuciscus idus)
EC50 Daphnia	6.8 mg/l - 48 Hours (Daphnia magna, Mobility)
ErC50 algae	103.8 mg/l - 72 Hours (Desmodesmus subspicatus)
EC10, algae	3 mg/l (72 Hours, Desmodesmus subspicatus, Growth rate)
Geraniol (106-24-1)	
LC50 fish	≈ 22 mg/l - 96 Hours (Danio rerio), (OECD 203 method)
EC50 Daphnia	10.8 mg/l - 48 Hours (Daphnia magna, Mobility), (OECD 202 method)
ErC50 algae	13.1 mg/l - 72 Hours (Desmodesmus subspicatus), (OECD 201 method)
NOEC, algae	1 mg/l (72 Hours, Desmodesmus subspicatus, Growth rate (OECD 201 method))
Linalool (78-70-6)	
LC50 fish	27.8 mg/l - 96 Hours (Oncorhynchus mykiss)(OECD 203 method)
EC50 Daphnia	59 mg/l - 48 Hours (Daphnia magna)(OECD 202 method)
EC50 96h - Algae [1]	156 mg/l - 96 Hours (Desmodesmus subspicatus, Growth rate)(DIN 38412 L 9)
EC50 96h - Algae [2]	88.3 mg/l - 96 Hours (Desmodesmus subspicatus, Biomass)(DIN 38412 L 9)
Diethyl phthalate (84-66-2)	
LC50 fish	12 mg/l - 96 Hours (Oncorhynchus mykiss)
EC50 Daphnia	90 mg/l - 48 Hours (Daphnia magna)
ErC50 algae	45 mg/l - 72 Hours (Desmodesmus subspicatus)
NOEC chronic fish	5 mg/l - 28 days (Cyprinus carpio)
NOEC chronic crustacea	25 mg/l - 21 days (Daphnia magna)
NOEC chronic algae	9 mg/l - 72 Hours (Desmodesmus subspicatus)

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Methanol (67-56-1)	
LC50 fish	15400 mg/l - 96 Hours (Lepomis macrochirus)(EPA-660/3-75-009)
EC50 Daphnia	18260 mg/l - 96 Hours (Daphnia magna)(OECD 202 method)
EC50 96h - Algae [1]	≈ 22000 mg/l - 96 Hours (Pseudokirchneriella subcapitata, Growth rate)(OECD 201 method)
2-methylpropan-2-ol (75-65-0)	
LC50 fish	> 961 mg/l - 96 Hours (Pimephales promelas), (OECD 203 method)
EC50 Daphnia	933 mg/l - 48 Hours (Daphnia magna, Mobility), (EU method C.2)
EC50 96h - Algae [1]	> 976 mg/l - 96 Hours (Pseudokirchneriella subcapitata, Growth rate, Biomass), (OECD 201 method)
NOEC chronic fish	332 mg/l - 120 Hours (Clarias Gariepinus)
NOEC chronic crustacea	100 mg/l - 21 days (Daphnia magna, reproduction, Mobility), (OECD 211 method)
NOEC chronic algae	976 mg/l - 96 Hours (Pseudokirchneriella subcapitata, Growth rate, Biomass), (OECD 201 method)
Ethanol (64-17-5)	
LC50 fish	14200 mg/l - 96 Hours (Pimephales promelas)
LC50 - Other aquatic organisms [2]	5012 mg/l - 48 Hours (Ceriodaphnia dubia)
EC50 - Other aquatic organisms [1]	4432 mg/l - 7 days (Lemna gibba, number of plants)
ErC50 algae	275 mg/l - 72 Hours (Chlorella vulgaris), (OECD 201 method)
NOEC (acute)	250 mg/l - 120 Hours (Danio rerio)
NOEC (chronic)	280 mg/l - 7 days (Lemna gibba, number of plants)
NOEC chronic fish	250 mg/l - 120 Hours (Danio rerio), (OECD 212 method)
NOEC chronic crustacea	9.6 mg/l - 10 days (Ceriodaphnia dubia, reproduction)
EC10, algae	11.5 mg/l (72 Hours, Chlorella vulgaris (OECD 201 method))
Linalyl acetate (115-95-7)	
LC50 fish	11 mg/l - 96 Hours (Cyprinus carpio), (OECD 203 method)
EC50 Daphnia	59 mg/l - 48 Hours (Daphnia magna, Mobility), (OECD 202 method)
Nerol (106-25-2)	
LC50 fish	20.3 mg/l - 96 Hours (Danio rerio)
EC50 Daphnia	32.4 mg/l - 48 Hours (Daphnia magna)
ErC50 algae	7.45 mg/l - 72 Hours (Pseudokirchneriella subcapitata)
NOEC chronic algae	2.58 mg/l - 72 Hours (Pseudokirchneriella subcapitata)
Geranyl acetate (105-87-3)	
EC50 Daphnia	14.1 mg/l - 48 Hours (Daphnia magna, Mobility), (EU method C.2)
ErC50 algae	3.72 mg/l - 72 Hours (Desmodesmus subspicatus), (OECD 201 method)
NOEC, algae	0.585 mg/l (72 Hours, Desmodesmus subspicatus, Growth rate (OECD 201 method))
p-Cymene (99-87-6)	
LC50 fish	48 mg/l - 96 Hours (Cyprinodon variegatus)
EC50 Daphnia	3.7 mg/l - 48 Hours (Daphnia magna, Mobility), (OECD 202 method)
ErC50 algae	4.03 mg/l - 72 Hours (Scenedesmus capricornutum), (OECD 201 method)

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p-Cymene (99-87-6)	
NOEC, algae	1.4 mg/l (72 Hours, - 72 Hours (Scenedesmus capricornutum, Growth rate), (OECD 201 method))
Cineole (470-82-6)	
LC50 fish	57 mg/l - 96 Hours (Oncorhynchus mykiss), (OECD 203 method)
EC50 Daphnia	> 100 mg/l - 48 Hours (Daphnia magna, Mobility), (OECD 202 method)
ErC50 algae	> 74 mg/l - 72 Hours (Pseudokirchneriella subcapitata), (OECD 201 method)
NOEC, algae	37 mg/l (72 Hours, Pseudokirchneriella subcapitata, Growth rate (OECD 201 method))
Longifolene (475-20-7)	
EC50 Daphnia	0.119 mg/l - 48 Hours (Daphnia magna, Mobility, WAF), (OECD 202 method)
ErC50 algae	0.28 mg/l - 72 Hours (QSAR)
EC10, algae	0.15 mg/l (72 Hours, - 72 Hours, Growth rate (QSAR))
Camphene (79-92-5)	
LC50 fish	0.72 mg/l - 96 Hours (Danio rerio), (OECD 203 method)
EC50 Daphnia	0.72 mg/l - 48 Hours (Daphnia magna, Mobility), (OECD 202 method)
ErC50 algae	1.75 mg/l - 72 Hours (Pseudokirchneriella subcapitata), (OECD 201 method)
NOEC, algae	0.07 mg/l (72 Hours, Pseudokirchneriella subcapitata, Growth rate (OECD 201 method))
p-Mentha-1,4(8)-diene (586-62-9)	
LC50 fish	0.805 mg/l - 96 Hours (Danio rerio)
EC50 Daphnia	0.634 mg/l - 48 Hours (Daphnia magna)
ErC50 algae	0.692 mg/l - 72 Hours (Pseudokirchneriella subcapitata)
NOEC chronic algae	0.273 mg/l - 72 Hours (Pseudokirchneriella subcapitata, Growth rate)
p-Mentha-1,3-diene (99-86-5)	
LC50 fish	3.15 mg/l - 96 Hours (Pimephales promelas)
EC50 Daphnia	1.7 mg/l - 48 Hours (Daphnia magna)
NOEC chronic algae	3.7 mg/l - 72 Hours (Pseudokirchneriella subcapitata)
12.2. Persistence and degradability	
Olous Aromatique Room Spray	
Persistence and degradability	Expected to be biodegradable.
Pin-2(3)-ene (80-56-8)	
Persistence and degradability	Readily biodegradable.
Biodegradation	68 % - 28 days (Activated sludge), (OECD 301D method)
Citral (5392-40-5)	
Persistence and degradability	Readily biodegradable.
Biodegradation	> 90 % - 28 days (Activated sludge), (Test method EU C.4-D)
Geraniol (106-24-1)	
Persistence and degradability	Readily biodegradable.
Biodegradation	90 – 100 % - 3 days (OECD 301A method)

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Linalool (78-70-6)	
Persistence and degradability	Readily biodegradable.
Biodegradation	64.2 % - 28 days (OECD 301D method)
Diethyl phthalate (84-66-2)	
Persistence and degradability	Readily biodegradable.
Methanol (67-56-1)	
Persistence and degradability	Readily biodegradable.
Biodegradation	95 % - 20 days (Freshwater, Wastewater)
2-methylpropan-2-ol (75-65-0)	
Persistence and degradability	Inherently biodegradable.
Biodegradation	66 % (56 days), (OECD 301D method)
Ethanol (64-17-5)	
Persistence and degradability	Readily biodegradable.
Chemical oxygen demand (COD)	1.99 g O ₂ /g substance
Biodegradation	≈ 74 % (10 days, O ₂ consumption)
Linalyl acetate (115-95-7)	
Persistence and degradability	Readily biodegradable.
Biodegradation	70 – 80 % - 28 days (OECD 301F method)
Nerol (106-25-2)	
Persistence and degradability	Readily biodegradable.
Geranyl acetate (105-87-3)	
Persistence and degradability	Readily biodegradable.
Biodegradation	> 70 % - 28 days (O ₂ consumption)
p-Cymene (99-87-6)	
Persistence and degradability	Readily biodegradable.
Biodegradation	88 % - 14 days (Activated sludge), (OECD 301C method)
Cineole (470-82-6)	
Persistence and degradability	Readily biodegradable.
Biodegradation	82 % - 28 days (Activated sludge), (OECD 301F method)
Longifolene (475-20-7)	
Persistence and degradability	Readily biodegradable.
Biodegradation	68 % - 28 days (Activated sludge), (OECD 301D method)
p-Mentha-1,4(8)-diene (586-62-9)	
Persistence and degradability	Readily biodegradable.
p-Mentha-1,3-diene (99-86-5)	
Persistence and degradability	Inherently biodegradable.

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12.3. Bioaccumulative potential

Olous Aromatique Room Spray	
Bioaccumulative potential	No information available.
Citral (5392-40-5)	
BCF - Fish [1]	89.72 (calculated value)
Log Pow	2.76 (25 °C), (OECD 107 method)
Bioaccumulative potential	Low bioaccumulation potential.
Geraniol (106-24-1)	
Log Pow	2.6 (25 °C), (OECD 117 method)
Bioaccumulative potential	Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.
Linalool (78-70-6)	
Log Pow	2.9 (20 °C, pH: 7)
Bioaccumulative potential	Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.
Diethyl phthalate (84-66-2)	
BCF - Fish [1]	13.1 l/kg
Log Pow	2.2
Methanol (67-56-1)	
Log Pow	-0.77 (20 °C)
Bioaccumulative potential	Not expected to bioaccumulate.
2-methylpropan-2-ol (75-65-0)	
Log Pow	0.317 (22.5 °C, pH: 6.8-7.3), (OECD 107 method)
Bioaccumulative potential	Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.
Ethanol (64-17-5)	
Log Pow	-0.35 (24 °C, pH: 7.4), (OECD 107 method)
Bioaccumulative potential	Low bioaccumulation potential.
Linalyl acetate (115-95-7)	
BCF - Fish [1]	174 l/kg (QSAR)
Log Pow	3.9 (25 °C), (OECD 107 method)
Bioaccumulative potential	Not expected to bioaccumulate.
Nerol (106-25-2)	
BCF - Fish [1]	35.4 l/kg (QSAR)
Log Pow	2.76
Geranyl acetate (105-87-3)	
Log Pow	4.04 (20 °C)
Bioaccumulative potential	Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.

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p-Cymene (99-87-6)	
Log Pow	≈ 4.8 (20 °C, pH ≈ 7), (OECD 117 method)
Cineole (470-82-6)	
Log Pow	3.4 (OECD 117 method)
Bioaccumulative potential	Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.
Longifolene (475-20-7)	
Log Pow	5 (25 °C), (OECD 117 method)
Camphene (79-92-5)	
Log Pow	4.22 (37 °C, pH 7.2), (OECD 117 method)
p-Mentha-1,3-diene (99-86-5)	
Log Pow	5.3

12.4. Mobility in soil

Olous Aromatique Room Spray	
Ecology - soil	No information available.
Pin-2(3)-ene (80-56-8)	
Ecology - soil	Slightly soluble in: Water.
Citral (5392-40-5)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.169 (calculated value)
Ecology - soil	Not expected to adsorb to soil.
Geraniol (106-24-1)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.85 (calculated value)
Ecology - soil	Not expected to adsorb to soil.
Linalool (78-70-6)	
Ecology - soil	Miscible with water.
Diethyl phthalate (84-66-2)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.34
2-methylpropan-2-ol (75-65-0)	
Ecology - soil	Miscible with water.
Ethanol (64-17-5)	
Ecology - soil	Miscible with water.
Linalyl acetate (115-95-7)	
Ecology - soil	Slightly soluble in: Water.
Nerol (106-25-2)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.15 (QSAR)

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Geranyl acetate (105-87-3)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.06 (25 °C), (calculated value)
Ecology - soil	Expected to adsorb to soil.
p-Cymene (99-87-6)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.05 – 4.17
Ecology - soil	Adsorption to soil is possible.
Cineole (470-82-6)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.33 (35 °C), (OECD 121 method)
Ecology - soil	Miscible with water.
Longifolene (475-20-7)	
Ecology - soil	Slightly soluble in: Water.
Camphene (79-92-5)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.081 (calculated value)
Ecology - soil	Slightly soluble in: Water.
p-Mentha-1,3-diene (99-86-5)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.049 (QSAR)

12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal. The correct waste code must be determined by the producer of the waste, based on how the waste has been produced.

Additional information : Handle empty containers with care.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

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14.1. UN number or ID number

UN-No. (ADR) : UN 1170
UN-No. (IMDG) : UN 1170
UN-No. (IATA) : UN 1170

14.2. UN proper shipping name

Proper Shipping Name : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper Shipping Name (IMDG) : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper Shipping Name (IATA) : Ethanol solution
Transport document description (ADR) : UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS
Transport document description (IMDG) : UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS
Transport document description (IATA) : UN 1170 Ethanol solution, 3, III, ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 3
Hazard labels : 3



IMDG

Transport hazard class(es) (IMDG) : 3
Danger labels (IMDG) : 3



IATA

Transport hazard class(es) (IATA) : 3
Danger labels (IATA) : 3



14.4. Packing group

Packing group : III
Packing group (IMDG) : III
Packing group (IATA) : III

14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes
Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Tunnel restriction code (ADR) : D/E

Transport by sea

No data available

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Air transport

No data available

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

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3.	Olous Aromatique Room Spray ; Pin-2(3)-ene ; Citral ; Geraniol ; Linalool ; Methanol ; 2-methylpropan-2-ol ; Ethanol ; 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one ; Alpha Cedrene ; Nerol ; Geranyl acetate ; p-Cymene ; Cineole ; Longifolene ; p-Mentha-1,4(8)-diene	Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008
3(a)	Olous Aromatique Room Spray ; Pin-2(10)-ene ; Pin-2(3)-ene ; Methanol ; 2-methylpropan-2-ol ; Ethanol ; Dipentene, limonene ; p-Cymene ; Cineole ; p-Mentha-1,3-diene	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)	Olous Aromatique Room Spray ; Pin-2(10)-ene ; Pin-2(3)-ene ; Citral ; Geraniol ; Linalool ; Methanol ; 2-methylpropan-2-ol ; Ethanol ; 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one ; Linalyl acetate ; Dipentene, limonene ; Alpha Cedrene ; Nerol ; Geranyl acetate ; p-Cymene ; Cineole ; Longifolene ; p-Mentha-1,4(8)-diene ; p-Mentha-1,3-diene	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

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EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(c)	Olous Aromatique Room Spray ; Pin-2(10)-ene ; Pin-2(3)-ene ; 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one ; Dipentene, limonene ; Alpha Cedrene ; Geranyl acetate ; p-Cymene ; Longifolene ; p-Mentha-1,4(8)-diene ; p-Mentha-1,3-diene	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.	Pin-2(10)-ene ; Pin-2(3)-ene ; Methanol ; 2-methylpropan-2-ol ; Ethanol ; Dipentene, limonene ; p-Cymene ; Cineole ; Camphene ; p-Mentha-1,3-diene	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.
69.	Methanol	Methanol

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 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

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
1	Identification of the substance/mixture and of the company/undertaking	Modified	
2	Hazards identification	Modified	
3	Composition/information on ingredients	Modified	
5	Fire fighting measures	Modified	
6	Accidental release measures	Modified	
7	Handling and storage	Modified	

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Indication of changes			
Section	Changed item	Change	Comments
8	Exposure controls/personal protection	Modified	
9	Physical and chemical properties	Modified	
10	Stability and reactivity	Modified	
11	Toxicological information	Modified	
12.	Ecological information	Modified	
13	Disposal considerations	Modified	
14	Transport information	Modified	
15	Regulatory information	Modified	

Abbreviations and acronyms:	
	ADR (Accord européen relatif au transport international des marchandises Dangereuses par Route)
	BCF (Bioconcentration factor)
	CAS (Chemical Abstracts Service) number
	CLP (Classification, Labeling and Packaging)
	DNEL (Derived No Effect Level)
	EC (European Community)
	EC50 (Effective Concentration 50%)
	EN (European Norm)
	IARC (International Agency for Research on Cancer)
	IATA (International Air Transport Association)
	IBC (Intermediate Bulk Container)
	IMDG (International Maritime Dangerous Goods Code)
	IOELV (Indicative Occupational Exposure Limit)
	Koc (Soil adsorption coefficient)
	LC50 (Lethal Concentration 50%)
	LD50 (Lethal Dose 50%)
	OECD (Organisation for Economic Co-operation and Development)
	OEL (Occupational exposure limit)
	NOEC (No Observed Effect Concentration)
	PBT (Persistent, Bioaccumulative and Toxic)
	PNEC (Predicted No Effect Concentration)
	QSAR (Quantitative Structure-Activity Relationship)
	REACH (Registration, Evaluation and Authorisation of Chemicals)
	SCOEL (Scientific Committee on Occupational Exposure Limits)
	STEL (Short Term Exposure Limit)
	TWA (Time Weighted Average)
	UNxxxx (Number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods)

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Abbreviations and acronyms:	
	UVCB (Unknown or Variable composition, Complex reaction products or Biological materials)
	vPvB (very Persistent and very Bioaccumulative)
	WAF (Water Accommodated Fraction)

Data sources	: REGULATION (EC) No 1272/2008 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.
Other information	: Classification procedure according to Regulation (EC) No. 1272/2008 [CLP]: Physical hazards: On basis of test data. Health hazards: Calculation method. Environmental hazards: Calculation method.

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 (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
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Sol. 2	Flammable solids, Category 2
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
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.

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Full text of H- and EUH-statements:	
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H370	Causes damage to organs.
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.
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 1	Specific target organ toxicity – single exposure, Category 1
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

Safety Data Sheet (SDS), EU

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