

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 19/02/2015 Revision date: 03/02/2023 Supersedes version of: 20/06/2022 Version: 2.0

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

1.1. Product identifier

Product form : Mixture

Product name : AIR FRESHENER REFILL - LAVENDER MOMENTS

UFI : Y6U9-XFQ9-Y1KH-2MYG

Product code : AF103
Type of product : Aerosol
Vaporizer : Aerosol
Product group : End Product

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

1.2.1. Relevant identified uses

Intended for general public

Main use category : Consumer use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

R P R Keeling Limited T/A Keelings Group

38 Main Street

K67 E0A2 Swords - Dublin

Ireland

T +353 (0)1 96 97 657 info@airpure.com Supplier UK

Airpure International Limited T/A Keelings Group

Airpure House Parsons Lane, Bury.

BL9 0JT Lancashire

UK

T UK FREEPHONE 0800 005 1010 info@airpure.com - www.airpure.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	NHS 111/NHS 24/NHS Direct		111 0845 4647	or call a doctor

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aerosol, Category 1 H222;H229

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

Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol.

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS02

Signal word (CLP) : Danger

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Hazard statements (CLP) : H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

Precautionary statements (CLP) : P103 - Read carefully and follow all instructions.

P102 - Keep out of reach of children.

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

No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 122 °F, 50

°C.

EUH-statements : EUH208 - Contains Linalool, Lavandula angustifolia oil (Lavender oil). May produce an

allergic reaction.

Child-resistant fastening : Not applicable Tactile warning : Not applicable

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Component	
Linalool (78-70-6)	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
Ethanol (64-17-5)	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
Sodium Benzoate (532-32-1)	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
Propane (74-98-6)	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
Triethanolamine (102-71-6)	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
Isobutane (75-28-5)	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

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 substance with national workplace exposure limit(s) (GB)	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610-	20 – 50	Flam. Liq. 2, H225
Butane substance with national workplace exposure limit(s) (GB)	CAS-No.: 106-97-8 EC-No.: 203-448-7 EC Index-No.: 601-004-00-0	20 – 50	Flam. Gas 1A, H220 Press. Gas

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Dimethyl ether substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 115-10-6 EC-No.: 204-065-8 EC Index-No.: 603-019-00-8	5 – 10	Flam. Gas 1A, H220 Press. Gas
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016-	< 1	Skin Sens. 1B, H317
Lavandula angustifolia oil (Lavender oil)	CAS-No.: 8000-28-0 EC-No.: 616-770-1	< 1	Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Sodium Benzoate substance with national workplace exposure limit(s) (GB)	CAS-No.: 532-32-1 EC-No.: 208-534-8 REACH-no: 01-2119460683- 35	< 1	Eye Irrit. 2, H319

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

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.
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

No additional information available

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.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Pressurised container: May burst if heated.

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

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. No open flames, no sparks, and no smoking.

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".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

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

Do not spray on an open flame or other ignition source. Do not pierce or burn, even after

use.

Hygiene measures : 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 : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a

well-ventilated place. Keep cool.

Incompatible materials : Direct sunlight. Heat sources. Sources of ignition.

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

Ethanol (64-17-5)	
United Kingdom - Occupational Exposure Limits	
Local name Ethanol	
WEL TWA (OEL TWA) [1]	1920 mg/m³
WEL TWA (OEL TWA) [2]	1000 ppm
Regulatory reference EH40/2005 (Fourth edition, 2020). HSE	

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Sodium Benzoate (532-32-1)			
United Kingdom - Occupational Exposure Limits			
WEL TWA (OEL TWA) [1]	10 mg/m³ 4 mg/m³		
Butane (106-97-8)			
United Kingdom - Occupational Exposure Limits			
Local name	Butane		
WEL TWA (OEL TWA) [1]	1450 mg/m³		
WEL TWA (OEL TWA) [2]	600 ppm		
WEL STEL (OEL STEL)	1810 mg/m³		
WEL STEL (OEL STEL) [ppm]	750 ppm		
Remark	Carc (Capable of causing cancer and/or heritable genetic damage. See paragraphs 49–51), (only applies if Butane contains more than 0.1% of buta-1,3-diene)		
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE		
Dimethyl ether (115-10-6)	Dimethyl ether (115-10-6)		
EU - Indicative Occupational Exposure Limit (IOEL)			
Local name	Dimethylether		
IOEL TWA	1920 mg/m³		
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC		
United Kingdom - Occupational Exposure Limits			
Local name	Dimethyl ether		
WEL TWA (OEL TWA) [1]	766 mg/m³		
WEL TWA (OEL TWA) [2]	400 ppm		
WEL STEL (OEL STEL)	958 mg/m³		
WEL STEL (OEL STEL) [ppm]	500 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:

Ensure good ventilation of the work station.

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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 : Gas
Colour : Colourless.
Appearance : Gas.

Odour : Characteristic odour.

Odour threshold : Not available

Melting point : Not applicable

Freezing point : -11.5 °C

Boiling point : < 100 °C

Flammability : Extremely flammable aerosol.

Explosive properties : Pressurised container: May burst if heated.

Explosive limits : 3.3 - 19 vol % Lower explosion limit : Not available Upper explosion limit : Not available Flash point : Not applicable 350 °C Auto-ignition temperature Decomposition temperature : Not available $6.5 (\geq 0)$ рΗ Viscosity, kinematic Not applicable Solubility Soluble in water. Partition coefficient n-octanol/water (Log Kow) Not available Not available Vapour pressure Vapour pressure at 50°C Not available Density Not applicable Relative density Not applicable

Relative vapour density at 20°C : <1 (water=1)
Particle characteristics : Not applicable

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9.2. Other information

9.2.1. Information with regard to physical hazard classes

Explosion limits : 3.3 – 19 vol % % of flammable ingredients : 96.7702949 %

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

10.2. Chemical stability

Contains gas under pressure; may explode if heated.

10.3. Possibility of hazardous reactions

Heating may cause a fire or explosion.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

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 (Lack of data)
Acute toxicity (dermal) : Not classified (Lack of data)
Acute toxicity (inhalation) : Not classified (Lack of data)

Linalool (78-70-6)		
LD50 oral rat	2790 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))	
LD50 oral	2790 mg/kg bodyweight	
LD50 dermal rat	5610 mg/kg (Rat)	
LD50 dermal rabbit	5610 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 7 day(s))	
LD50 dermal	5610 mg/kg bodyweight	
Ethanol (64-17-5)		
LD50 oral rat	10470 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))	
LD50 oral	10470 mg/kg bodyweight	
LD50 dermal rabbit	> 15800 mg/kg bodyweight (Rabbit, Experimental value, Dermal)	
LD50 dermal	15800 mg/kg bodyweight	

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LC50 Inhalation - Rat LC50 Inhalation - Rat (Dust/Mist) > 99999 mg/l Sodium Benzoate (532-32-1) LD50 oral 2100 mg/kg bodyweight kin corrosion/irritation : Not classified (Lack of data) pH: 6.5 (≥ 0) Linalool (78-70-6) BH 7 (789 g/l, 20 °C) Sodium Benzoate (532-32-1) DH 4.5 (0.1 %) Sodium Benzoate (532-32-1) DH 7 - 8 (5 %) BH 8 (5 (0.1 %) BH 9 (1.20 °C) Sodium Benzoate (532-32-1) DH 4.5 (0.1 %) Sodium Benzoate (532-32-1) DH 7 - 8 (5 %) BH 8 (5 (0.1 %) Sodium Benzoate (532-32-1) DH 7 - 8 (5 %) BH 8 (5 (0.1 %) Sodium Benzoate (532-32-1) DH 7 - 8 (5 %) BH 8 (5 (0.1 %) Sodium Benzoate (532-32-1) DH 7 - 8 (5 %) BH 8 (5 (0.1 %) Sodium Benzoate (532-32-1) DH 9 (1.30 °C) Sodium Benzoate (532-32-1) DH 10 (1.30 °C) So			
value, Inhalation (vapours), 14 day(s))	Ethanol (64-17-5)		
Sodium Benzoate (532-32-1) Linalool (78-70-6) bH	LC50 Inhalation - Rat		
Linalool (78-70-6) bH	LC50 Inhalation - Rat (Dust/Mist)	> 99999 mg/l	
kin corrosion/irritation : Not classified (Lack of data) pH: 6.5 (≥ 0) Linalool (78-70-6) pH	Sodium Benzoate (532-32-1)		
pH: 6.5 (≥ 0) Linalcol (78-70-6) pH	LD50 oral	2100 mg/kg bodyweight	
bethanol (64-17-5) bethanol (64-17-5) bethanol (64-17-5) bethanol (532-32-1) bethanol (532-32-1) bethanol (78-70-6) bethanol (78-70-6) bethanol (64-17-5) bethanol (64-17-5) bethanol (64-17-5) bethanol (64-17-5) bethanol (64-17-5) bethanol (64-17-5) bethanol (78-70-6) bethanol (84-17-5)	Skin corrosion/irritation	· · · · · · · · · · · · · · · · · · ·	
Ethanol (64-17-5) ph 7 (789 g/l, 20 °C) Sodium Benzoate (532-32-1) ph 7 - 8 (5 %) rerious eye damage/irritation : Not classified (Lack of data) ph: 6.5 (≥ 0) Linalool (78-70-6) ph 4.5 (0.1 %) Ethanol (64-17-5) ph 7 (789 g/l, 20 °C) Sodium Benzoate (532-32-1) ph 7 - 8 (5 %) tespiratory or skin sensitisation : Not classified that data data described in the serior of data described periodicity : Not classified (Lack of data) terror cell mutagenicity : Not classified (Lack of data) terproductive toxicity : Not classified (Lack of data)	Linalool (78-70-6)		
Sodium Benzoate (532-32-1) Del	рН	4.5 (0.1 %)	
Sodium Benzoate (532-32-1) pH	Ethanol (64-17-5)		
ph 7 - 8 (5 %) ierious eye damage/irritation : Not classified (Lack of data)	рН	7 (789 g/l, 20 °C)	
Linalool (78-70-6) DH 4.5 (0.1 %) Ethanol (64-17-5) DH 7 (789 g/l, 20 °C) Sodium Benzoate (532-32-1) DH 7-8 (5 %) Eterritory or skin sensitisation : Not classified (Lack of data) Serm cell mutagenicity : Not classified (Lack of data) Sergondictive toxicity : Not classified (Lack of data)	Sodium Benzoate (532-32-1)		
pH: 6.5 (≥ 0) Linalool (78-70-6) pH	рН	7 – 8 (5 %)	
Ethanol (64-17-5) pH 7 (789 g/l, 20 °C) Sodium Benzoate (532-32-1) pH 7 - 8 (5 %) despiratory or skin sensitisation : Not classified serm cell mutagenicity : Not classified (Lack of data) desproductive toxicity : Not classified (Lack of data) deproductive toxicity : Not classifie	Serious eye damage/irritation		
Ethanol (64-17-5) pH 7 (789 g/l, 20 °C) Sodium Benzoate (532-32-1) pH 7 - 8 (5 %) tespiratory or skin sensitisation : Not classified derm cell mutagenicity : Not classified (Lack of data) carcinogenicity : Not classified (Lack of data) teproductive toxicity : Not classified (Lack of data) terror-single exposure : Not classified (Lack of data) tror-repeated exposure : Not classified (Lack of data) spiration hazard : Not classified (Lack of data) AIR FRESHENER REFILL - LAVENDER MOMENTS Vaporizer Aerosol	Linalool (78-70-6)		
Sodium Benzoate (532-32-1) OH 7 - 8 (5 %) Respiratory or skin sensitisation : Not classified (Lack of data) Parcinogenicity : Not classified (Lack of data) Reproductive toxicity : Not classified (Lack of data) RETOT-single exposure : Not classified (Lack of data) RETOT-repeated exposure : Not classified (Lack of data)	рН	4.5 (0.1 %)	
Sodium Benzoate (532-32-1) pH	Ethanol (64-17-5)		
ph	рН	7 (789 g/l, 20 °C)	
Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified (Lack of data) Carcinogenicity : Not classified (Lack of data) Reproductive toxicity : Not classified (Lack of data) CTOT-single exposure : Not classified (Lack of data) CTOT-repeated exposure : Not classified (Lack of data) RESPIRATE OF THE STREET OF THE STREE	Sodium Benzoate (532-32-1)		
Serm cell mutagenicity : Not classified (Lack of data) Carcinogenicity : Not classified (Lack of data) Ceproductive toxicity : Not classified (Lack of data) CTOT-single exposure : Not classified (Lack of data) CTOT-repeated exposure : Not classified (Lack of data) CSTOT-repeated exposure : Not classified (Lack of data)	рН	7 – 8 (5 %)	
Carcinogenicity : Not classified (Lack of data) Reproductive toxicity : Not classified (Lack of data) RETOT-single exposure : Not classified (Lack of data) RETOT-repeated exposure : Not classified (Lack of data) RESPIRATE REFILL - LAVENDER MOMENTS Vaporizer Aerosol Ethanol (64-17-5)	Respiratory or skin sensitisation	: Not classified	
teproductive toxicity : Not classified (Lack of data) TOT-single exposure : Not classified (Lack of data) TOT-repeated exposure : Not classified (Lack of data) spiration hazard : Not classified (Lack of data) AIR FRESHENER REFILL - LAVENDER MOMENTS Vaporizer Aerosol Ethanol (64-17-5)	Germ cell mutagenicity	·	
STOT-single exposure : Not classified (Lack of data) STOT-repeated exposure : Not classified (Lack of data) Singiration hazard : Not classified (Lack of data) AIR FRESHENER REFILL - LAVENDER MOMENTS Vaporizer Aerosol Ethanol (64-17-5)	Carcinogenicity	: Not classified (Lack of data)	
STOT-repeated exposure : Not classified (Lack of data) ASPIRATION STOTE : Not classified (Lack of data) AIR FRESHENER REFILL - LAVENDER MOMENTS Vaporizer Aerosol Ethanol (64-17-5)	Reproductive toxicity		
spiration hazard : Not classified (Lack of data) AIR FRESHENER REFILL - LAVENDER MOMENTS Vaporizer Aerosol Ethanol (64-17-5)	STOT-single exposure	· · · · · · · · · · · · · · · · · · ·	
AIR FRESHENER REFILL - LAVENDER MOMENTS Vaporizer Aerosol Ethanol (64-17-5)			
Vaporizer Aerosol Ethanol (64-17-5)	Aspiration hazard	: Not classified (Lack of data)	
Ethanol (64-17-5)	AIR FRESHENER REFILL - LAVENDER MOMENTS		
	Vaporizer	Aerosol	
Viscosity, kinematic 1.489 mm²/s	Ethanol (64-17-5)		
	Viscosity, kinematic	1.489 mm²/s	

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short-term

(acute)

: Not classified

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Hazardous to the aquatic environment, long-term : Not classified (chronic)

(CHIOHIC)	
Linalool (78-70-6)	
LC50 - Fish [1]	27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP)
LC50 - Fish [2]	27.8 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Salmo gairdneri)
EC50 - Crustacea [1]	59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
EC50 - Other aquatic organisms [1]	≥ 100 mg/l (3 h; Activated sludge)
EC50 - Other aquatic organisms [2]	88.3 mg/l
ErC50 algae	156.7 mg/l (DIN 38412-9, 96 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)
Threshold limit - Algae [1]	88.3 mg/l (EC50; 96 h)
Ethanol (64-17-5)	
LC50 - Fish [1]	15300 mg/l (US EPA, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
LC50 - Fish [2]	13000 mg/l (LC50; 96 h; Salmo gairdneri; Static system; Fresh water)
EC50 - Other aquatic organisms [1]	5012 mg/l waterflea
EC50 - Other aquatic organisms [2]	275 mg/l
EC50 72h - Algae [1]	275 mg/l (Equivalent or similar to OECD 201, Chlorella vulgaris, Static system, Fresh water, Experimental value, Growth rate)
Sodium Benzoate (532-32-1)	
LC50 - Fish [1]	484 mg/l (EPA OPP 72-1, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
EC50 - Other aquatic organisms [1]	> 100 mg/l waterflea
EC50 - Other aquatic organisms [2]	30.5 mg/l

12.2. Persistence and degradability

Linalool (78-70-6)		
Persistence and degradability	Readily biodegradable in water.	
Biochemical oxygen demand (BOD)	1.531 g O₂/g substance	
Chemical oxygen demand (COD)	2.808 g O ₂ /g substance	
Ethanol (64-17-5)		
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.	
Biochemical oxygen demand (BOD)	0.8 – 0.967 g O₂/g substance	
Chemical oxygen demand (COD)	1.7 g O ₂ /g substance	
ThOD	2.1 g O ₂ /g substance	
BOD (% of ThOD)	0.43	
Sodium Benzoate (532-32-1)		
Persistence and degradability	Readily biodegradable in water.	

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Linalool (78-70-6)		
Partition coefficient n-octanol/water (Log Pow)	2.84 (Experimental value, Equivalent or similar to OECD 107, 25 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
Ethanol (64-17-5)		
BCF - Fish [1]	1 (Other, 72 h, Cyprinus carpio, Static system, Fresh water, Read-across)	
Partition coefficient n-octanol/water (Log Pow)	-0.31 (Experimental value)	
Bioaccumulative potential	Not bioaccumulative.	
Sodium Benzoate (532-32-1)		
Partition coefficient n-octanol/water (Log Pow)	1.88 (Read-across)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	

12.4. Mobility in soil

Linalool (78-70-6)			
Surface tension	8.3 mN/m (20 °C, ISO 9101: Surface active agents - Determination of interfacial tension)		
Ecology - soil	No (test)data on mobility of the substance available.		
Ethanol (64-17-5)			
Surface tension	22.31 mN/m (20 °C, 100 %)		
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.2 (log Koc, Experimental value)		
Ecology - soil	Highly mobile in soil.		
Sodium Benzoate (532-32-1)			
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.219 (log Koc, SRC PCKOCWIN v2.0, Calculated value)		
Ecology - soil	Highly mobile in soil.		

12.5. Results of PBT and vPvB assessment

Component	
Linalool (78-70-6)	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
Ethanol (64-17-5)	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
Sodium Benzoate (532-32-1)	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
Propane (74-98-6)	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
Triethanolamine (102-71-6)	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
Isobutane (75-28-5)	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

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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.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID n	umber			
UN 1950	UN 1950	UN 1950	UN 1950	UN 1950
14.2. UN proper shippin	g name			
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS
Transport document descr	iption			
UN 1950 AEROSOLS, 2.1, (D)	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1	UN 1950 AEROSOLS, 2.1	UN 1950 AEROSOLS, 2.1
14.3. Transport hazard	class(es)			
2.1	2.1	2.1	2.1	2.1
***	*			2
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz	zards			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No

14.6. Special precautions for user

Overland transport

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 11

Excepted quantities (ADR) : E0

Packing instructions (ADR) : P207, LP02

Special packing provisions (ADR) : PP87, RR6, L2

Mixed packing provisions (ADR): MP9Transport category (ADR): 2Special provisions for carriage - Packages (ADR): V14Special provisions for carriage - Loading, unloading: CV9, CV12

and handling (ADR)

Special provisions for carriage - Operation (ADR) : S2
Tunnel restriction code (ADR) : D

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Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 959

: SP277 Limited quantities (IMDG) Excepted quantities (IMDG) : E0 Packing instructions (IMDG) : P207, LP02 Special packing provisions (IMDG) : PP87, L2 EmS-No. (Fire) : F-D EmS-No. (Spillage) : S-U Stowage category (IMDG) : None : SW1, SW22 Stowage and handling (IMDG) Segregation (IMDG) : SG69

Air transport

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 203
PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg

Special provisions (IATA) : A145, A167, A802

ERG code (IATA) : 10L

Inland waterway transport

Classification code (ADN) : 5F

Special provisions (ADN) : 190, 327, 344, 625

Limited quantities (ADN) : 1 L

Excepted quantities (ADN) : E0

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01, VE04

Number of blue cones/lights (ADN) : 1

Rail transport

Classification code (RID) : 5F

Special provisions (RID) : 190, 327, 344, 625

Limited quantities (RID) : 1L

Excepted quantities (RID) : E0

Packing instructions (RID) : P207, LP02

Special packing provisions (RID) : PP87, RR6, L2

Mixed packing provisions (RID) : MP9

Mixed packing provisions (RID) : MP9

Transport category (RID) : 2

Special provisions for carriage – Packages (RID) : W14

Special provisions for carriage - Loading, unloading : CW9, CW12

and handling (RID)

Colis express (express parcels) (RID) : CE2 Hazard identification number (RID) : 23

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)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

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

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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)

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 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

No additional information available

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	

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Abbreviations and acronyms:	
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:		
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Asp. Tox. 1	Aspiration hazard, Category 1	
EUH208	Contains Linalool, Lavandula angustifolia oil (Lavender oil). May produce an allergic reaction.	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Gas 1A	Flammable gases, Category 1A	
Flam. Liq. 2	Flammable liquids, Category 2	
H220	Extremely flammable gas.	
H222	Extremely flammable aerosol.	
H225	Highly flammable liquid and vapour.	
H229	Pressurised container: May burst if heated.	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H412	Harmful to aquatic life with long lasting effects.	
Press. Gas	Gases under pressure	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1B	Skin sensitisation, category 1B	

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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.

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