

AIRFRESH FRAGRANCE - ENGLISH LAVENDER



Safety Data Sheet

according to the United Nations GHS (Rev. 4, 2011)

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

1.1. Product identifier

Trade name : AIRFRESH FRAGRANCE - ENGLISH LAVENDER
Brand : INITIAL
Product code : 100ml - FC0123
Type of product : Fragrances
Registration No : -
Product form : Mixture

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 : A fragrance liquid for use by Initial technicians in the modular air unit dispenser.
Industrial/Professional use spec : Industrial
For professional use only

1.2.2. Uses advised against

No additional information available

1.3. Supplier's details

Supplier

Rentokil Initial Supplies
Liverpool
L33 7SR
UK

Product advice line: +44 (0)151 548 5050

Email: sds@rentokil.com

National Contact

Rentokil Initial Pty Ltd
Unit A1 Lidcombe Business Park,
3-29 Birnie Avenue
Lidcombe NSW 2141
Australia

Product advice line: 61 2 8719 6264

Email: sds@rentokil.com

1.4. Emergency telephone number

Emergency number : +44 (0)1342 833022

Country	Organisation/Company	Address	Emergency number
Australia	Queensland Poisons Information Centre	Royal Children's Hospital Herston Road, Brisbane 4029	13 11 26
Australia	WA Poisons Information Centre (WAPIC)	Sir Charles Gardner Hospital Hospital Avenue, Nedlands, WA 6009	13 11 26
Australia	New South Wales Poisons Information Centre	The Children's Hospital at Westmead Locked Bag 4001, Westmead, NSW 2145	13 11 26
Australia	Victorian Poisons Information Centre	Austin Hospital Studley Road, Heidelberg, Victoria 3084	13 11 26

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS (Rev. 4, 2011)

Flam. Liq. 4 H227

Skin Irrit. 2 H315

Eye Irrit. 2A H319

Aquatic Chronic 3 H412

Full text of H-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 the United Nations GHS (Rev. 4, 2011)

Hazard pictograms (GHS-UN) :



GHS07

Signal word (GHS-UN) :

Warning

Hazard statements (GHS-UN) :

H227 - Combustible liquid
H319 - Causes serious eye irritation
H315 - Causes skin irritation
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (GHS-UN) :

P210 - Keep away from heat, hot surfaces, sparks, open flames. - No smoking
P280 - Wear eye protection, protective gloves
P264 - Wash hands thoroughly after handling
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313 - If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
P332+P313 - If skin irritation occurs: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse
P273 - Avoid release to the environment
P501 - Dispose of contents/container to an approved waste disposal plant

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to the United Nations GHS (Rev. 4, 2011)
1-(3-Methoxypropoxy)propan-1-ol	(CAS No) 34590-94-8	25 - 50	Flam. Liq. 4, H227 Acute Tox. Not classified (Oral) Aquatic Acute Not classified
Propylene glycol propyl ether	(CAS No) 1569-01-3	10 - 25	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Eye Irrit. 2A, H319
1,5-Dimethyl-1-vinylhex-4-en-1-yl acetate	(CAS No) 115-95-7	2.5 - 10	Flam. Liq. 4, H227 Acute Tox. Not classified (Oral) Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 3, H402
Linalool	(CAS No) 78-70-6	5 - 10	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 3, H402
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	(CAS No) 464-49-3	0.1 - 1	Flam. Sol. 1, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 STOT SE 2, H371 Aquatic Acute 3, H402
Eucalyptol	(CAS No) 470-82-6	0.1 - 1	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Skin Irrit. 3, H316 Skin Sens. 1, H317
Coumarin	(CAS No) 91-64-5	0.1 - 1	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Aquatic Acute 3, H402
4,11,11-Trimethyl-8-methylenebicyclo[7.2.0]undec-4-ene	(CAS No) 87-44-5	< 1	Skin Irrit. 3, H316 Asp. Tox. 1, H304
2-(4-Methylcyclohex-3-en-1-yl)propan-2-ol	(CAS No) 8000-41-7	< 1	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 3, H402
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	(CAS No) 28219-61-6	< 1	Eye Irrit. 2A, H319 Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to the United Nations GHS (Rev. 4, 2011)
Benzyl acetate	(CAS No) 140-11-4	< 1	Acute Tox. 5 (Oral), H303 Skin Irrit. 3, H316 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
1-Methyl-1-(4-methylcyclohex-3-en-1-yl) ethyl acetate	(CAS No) 8007-35-0	< 1	Skin Irrit. 3, H316 Aquatic Acute 2, H401
Hexyl Acetate	(CAS No) 142-92-7	< 1	Flam. Liq. 3, H226 Skin Irrit. 3, H316 Aquatic Acute 2, H401
Allyl (3-methylbutoxy)acetate	(CAS No) 67634-00-8	< 1	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315
D-Limonene	(CAS No) 5989-27-5	0.01 - 0.1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 1, H410
Alpha-pinenes	(CAS No) 80-56-8	0.01 - 0.1	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
Ethoxy-methoxymethyl-phenol	(CAS No) 5595-79-9	0.01 - 0.1	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Aquatic Acute 3, H402
5-Methylheptan-3-one	(CAS No) 541-85-5	< 0.1	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335

Full text of H-phrases: 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 you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow breathing of fresh air. Allow the victim to rest.
First-aid measures after skin contact	: If skin irritation or rash occurs: Get medical advice/attention. Wash with plenty of soap and water. Wash contaminated clothing before reuse. Get medical advice/attention. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Causes serious eye irritation.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Reactivity	: To our knowledge, the product does not present any particular risk, under normal conditions of use.
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5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Do not allow run-off from fire fighting to enter drains or water courses.

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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 : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Wash contaminated clothing before reuse. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from heat and direct sunlight. Keep only in the original container in a cool well ventilated place. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : This material may attack some forms of plastics, rubbers and coatings. Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

Environmental fragrance.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1-(3-Methoxypropoxy)propan-1-ol (34590-94-8)		
Australia	TWA (mg/m ³)	308 mg/m ³
Australia	TWA (ppm)	50 ppm
5-Methylheptan-3-one (541-85-5)		
Australia	TWA (mg/m ³)	53 mg/m ³
Australia	TWA (ppm)	10 ppm
Australia	STEL (mg/m ³)	107 mg/m ³
Australia	STEL (ppm)	20 ppm

8.2. Exposure controls

Appropriate engineering controls : Not required for normal conditions of use. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Avoid contact with skin. Wear chemically resistant gloves (tested to EN374) in combination with 'basic' employee training. Wear protective gloves.

Eye protection : Wear eye protection. Avoid contact with eyes. Chemical goggles or safety glasses.

Skin and body protection : Avoid contact with skin. Wear suitable protective clothing.

Respiratory protection : Not necessary under the recommended storage and handling conditions.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : Colourless.
Odour : characteristic.
Odour threshold : No data available

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pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 69 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

To our knowledge, the product does not present any particular risk, under normal conditions of use.

10.2. Chemical stability

The product is stable at normal handling and storage conditions. Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

1-(3-Methoxypropoxy)propan-1-ol (34590-94-8)	
LD50 oral rat	5152 mg/kg
ATE UN (oral)	5152.000 mg/kg bodyweight
Propylene glycol propyl ether (1569-01-3)	
LD50 oral rat	2504 mg/kg
LD50 dermal rat	3550 mg/kg
ATE UN (oral)	2504.000 mg/kg bodyweight
ATE UN (dermal)	3550.000 mg/kg bodyweight
1,5-Dimethyl-1-vinylhex-4-en-1-yl acetate (115-95-7)	
LD50 oral rat	13934 mg/kg
ATE UN (oral)	13934.000 mg/kg bodyweight
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (464-49-3)	
ATE UN (oral)	500.000 mg/kg bodyweight
ATE UN (gases)	4500.000 ppmv/4h
ATE UN (vapours)	11.000 mg/l/4h

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1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (464-49-3)	
ATE UN (dust,mist)	1.500 mg/l/4h
Coumarin (91-64-5)	
ATE UN (oral)	500.000 mg/kg bodyweight
Benzyl acetate (140-11-4)	
ATE UN (oral)	2500.000 mg/kg bodyweight
Ethoxy-methoxymethyl-phenol (5595-79-9)	
ATE UN (oral)	500.000 mg/kg bodyweight
Allyl (3-methylbutoxy)acetate (67634-00-8)	
ATE UN (oral)	730.000 mg/kg bodyweight
5-Methylheptan-3-one (541-85-5)	
ATE UN (oral)	2500.000 mg/kg bodyweight
ATE UN (gases)	4500.000 ppmv/4h
ATE UN (vapours)	11.000 mg/l/4h
ATE UN (dust,mist)	1.500 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.

1-(3-Methoxypropoxy)propan-1-ol (34590-94-8)	
LC50 fish 1	> 10000 mg/l Pimephales promelas
EC50 Daphnia 2	1919 mg/l EC50 48h - Daphnia magna [mg/l]

1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (464-49-3)	
LC50 fish 1	36 mg/l Danio rerio (zebra fish) - 96 h

12.2. Persistence and degradability

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Persistence and degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.

1-(3-Methoxypropoxy)propan-1-ol (34590-94-8)	
Log Pow	-0.06 - 20 °C

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. 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.
Ecology - waste materials	: Avoid release to the environment.

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H code : H4 - 'Irritant': non-corrosive substances and preparations which, through immediate, prolonged or repeated contact with the skin or mucous membrane, can cause inflammation.
H14 - '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 / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

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

14.6. Special precautions for user

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.6.4. Inland waterway transport

Carriage prohibited (ADN) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

Allergenic fragrances > 0,01%:

LINALOOL COUMARIN D-LIMONENE

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

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 : None.

Full text of H-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Acute Tox. 5 (Dermal)	Acute toxicity (dermal), Category 5

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Acute Tox. 5 (Oral)	Acute toxicity (oral), Category 5
Acute Tox. Not classified (Oral)	Acute toxicity (oral) Not classified
Aquatic Acute 2	Hazardous to the aquatic environment — Acute Hazard, Category 2
Aquatic Acute 3	Hazardous to the aquatic environment — Acute Hazard, Category 3
Aquatic Acute Not classified	Hazardous to the aquatic environment - Acute Hazard Not classified
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Liq. 4	Flammable liquids, Category 4
Flam. Sol. 1	Flammable solids, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Irrit. 3	Skin corrosion/irritation, Category 3
Skin Sens. 1	Sensitisation — Skin, category 1
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
H226	Flammable liquid and vapour
H228	Flammable solid
H302	Harmful if swallowed
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
H332	Harmful if inhaled
H335	May cause respiratory irritation
H371	May cause damage to organs
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

SDS GHS UN

Before using any product, ensure that you read and understand its label.

The information contained in this safety data sheet is, to the best of our knowledge and belief, accurate and reliable at the time of publication. The information relates only to the specific material designated in this safety data sheet and may not be valid for such material if it is used in combination with any other material(s) or any other use than that specified herein. Neither Rentokil Initial plc nor any of its subsidiaries accepts any liability for the use of this product for any other purpose than that described in this safety data sheet. This does not affect your statutory rights. It is the user's responsibility to satisfy him/herself as to the suitability in completeness of such information for his/her own particular use.

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