

MOUNTAIN FRESH

Safety Data Sheet

according to New Zealand HSNOCOP 8-1 2006 and 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 : MOUNTAIN FRESH
Brand : INITIAL
Product code : 568013
Type of product : Fragrances,Aerosol
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 : An aerosol fragrance for use in Airfresh units by Initial service staff.
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

Initial Hygiene, Level 1,
89 Carbine Road,
Mt Wellington, Auckland 1060
Private Bag 92905,
Onehunga, Auckland 1643,
New Zealand.

T: +64 (09) 573 7740

1.4. Emergency telephone number

Emergency number : +64 (09) 573 7740

Country	Organisation/Company	Address	Emergency number
New Zealand	National Poisons & Hazardous Chemical Information Centre Dunedin School of Medicine, University of Otago	PO Box 913 9054 Dunedin	0800 POISON (0800 764 766)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Hazardous Substances and New Organisms Act (HSNO) 1996 & Classification Regulations 2015

2.1.2A Extremely flammable aerosol
6.3B Causes mild skin irritation

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

Aerosol 1 H222;H229
Aquatic Acute 3 H402
Aquatic Chronic 3 H412

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

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

Hazardous Substances and New Organisms Act (HSNO) 1996 & Classification Regulations 2015

Hazard pictograms (HSNO) :



GHS02

Signal word (HSNO) :

Danger

Hazard statements (HSNO) :

Extremely flammable aerosol
Harmful to aquatic life with long lasting effects

Precautionary statements (HSNO) :

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
P273 - Avoid release to the environment
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P501 - Dispose of contents/container to an approved waste disposal plant

Extra phrases :

Contact with the liquid may cause cold burns / frostbite

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	%	HSNO hazard classification	Classification according to the United Nations GHS (Rev. 4, 2011)
Butane	(CAS No) 106-97-8	25 - 50	2.1.1A Liquified gas	Flam. Gas 1, H220 Compressed gas, H280
Isobutane	(CAS No) 75-28-5	10 - 25	2.1.1A Liquified gas	Flam. Gas 1, H220 Liquefied gas, H280
Propane	(CAS No) 74-98-6	10 - 25	2.1.1A Liquified gas	Flam. Gas 1, H220 Liquefied gas, H280
1-(3-Methoxypropoxy)propan-1-ol	(CAS No) 34590-94-8	1 - 5	3.1D	Flam. Liq. 4, H227
Benzyl acetate	(CAS No) 140-11-4	1 - 5	6.1E (oral) 6.3B 9.1D 9.1C	Acute Tox. 5 (Oral), H303 Skin Irrit. 3, H316 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Methylundecanal	(CAS No) 110-41-8	0.1 - 1	3.1D 6.3A 6.5B 9.1A	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Octanal	(CAS No) 124-13-0	0.1 - 1	3.1C 6.3A 6.4A 9.1B	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Chronic 2, H411
Lauraldehyde	(CAS No) 112-54-9	0.1 - 1	6.3A 6.4A 6.5B 9.1D	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401
Hex-3-en-1-yl acetate	(CAS No) 3681-71-8	< 1	3.1C 6.3B	Flam. Liq. 3, H226 Skin Irrit. 3, H316
Methyl benzoate	(CAS No) 93-58-3	< 1	3.1D 6.1D (oral) 6.3B	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 3, H316
Lauronitrile	(CAS No) 2437-25-4	< 1	6.3A 9.1A	Skin Irrit. 2, H315 Aquatic Chronic 1, H410
Allyl(cyclohexyloxy)acetate	(CAS No) 68901-15-5	< 1	6.1D (oral) 6.3A 9.1C	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Aquatic Chronic 3, H412
Citral	(CAS No) 5392-40-5	0.1 - 1	6.1E (dermal) 6.3A 6.4A 6.5B 9.1D	Acute Tox. 5 (Dermal), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 Aquatic Acute 2, H401
2,6-Dimethylhept-5-enal	(CAS No) 106-72-9	< 0.1	3.1D	Flam. Liq. 4, H227

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Name	Product identifier	%	HSNO hazard classification	Classification according to the United Nations GHS (Rev. 4, 2011)
2-methoxynaphthalene	(CAS No) 93-04-9	< 0.1	6.1D (oral) 9.1D	Acute Tox. 4 (Oral), H302 Aquatic Acute 2, H401
1-(trimethylcyclohexyl)-3-hexanol	(CAS No) 70788-30-6	< 0.1	6.3A	Skin Irrit. 2, H315
Methyl 2-aminobenzoate	(CAS No) 134-20-3		6.1E (oral) 6.3B 6.4A 9.1D	Acute Tox. 5 (Oral), H303 Skin Irrit. 3, H316 Eye Irrit. 2A, H319 Aquatic Acute 3, H402

Full text of H-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 you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Cough. Assure fresh air breathing. Allow the victim to rest.
- 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. Wash contaminated clothing before reuse.
- First-aid measures after eye contact : Direct contact with the eyes is likely to be irritating. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- First-aid measures after ingestion : Ingestion is not considered a potential route of exposure. Rinse mouth out with water.

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

- Symptoms/injuries after inhalation : Shortness of breath. In high concentrations may cause asphyxiation. Symptoms may include loss of mobility/consciousness. Victim may not be aware of asphyxiation.
- Symptoms/injuries after skin contact : Contact with the liquid may cause cold burns/frostbite.
- Symptoms/injuries after eye contact : Direct contact with the eyes is likely to be irritating. Contact with the liquid may cause frostbite and serious damage to eyes.

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

- Fire hazard : Extremely flammable aerosol.
- Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
- Reactivity : To our knowledge, the product does not present any particular risk, under normal conditions of use.

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 the environment. DO NOT fight fire when fire reaches explosives. Evacuate area.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : No open flames. No smoking. Isolate from fire, if possible, without unnecessary risk. Remove ignition sources. Use special care to avoid static electric charges.

6.1.1. For non-emergency personnel

- Protective equipment : Protect eyes, face and skin from liquid splashes. Wear suitable protective clothing.
- 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

Avoid release to the environment. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Notify authorities if product enters sewers or public waters.

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6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Ventilate the area thoroughly. Keep area evacuated and free from ignition sources until any spilled liquid has evaporated. (Ground free from frost). This material and its container must be disposed of in a safe way, and as per local legislation. 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

Additional hazards when processed : Hazardous waste due to potential risk of explosion. Pressurised container: Do not pierce or burn, even after use.

Precautions for safe handling : Do not spray on an open flame or other ignition source.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Store in a well-ventilated place. Keep cool. Protect from heat and direct sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Incompatible products : Strong bases. Strong acids.

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

7.3. Specific end use(s)

Environmental fragrance.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

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.

Eye protection : Wear eye protection. Avoid contact with eyes.

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

Appearance : Aerosol can.

Colour : Colourless.

Odour : characteristic.

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : -11 °C

Flash point : < -60 °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

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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

Additional information	: Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below ground level
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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

Extremely flammable aerosol. Can form explosive mixture with air. Contains gas under pressure; may explode if heated. Extreme risk of explosion by shock, friction, fire or other sources of ignition. May react violently with oxidants.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Open flame. Overheating.

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 (oral)	: Not classified
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1-(3-Methoxypropoxy)propan-1-ol (34590-94-8)	
LD50 oral rat	5152 mg/kg
ATE UN (oral)	5152.000 mg/kg bodyweight
Benzyl acetate (140-11-4)	
ATE UN (oral)	2500.000 mg/kg bodyweight
Lauraldehyde (112-54-9)	
LD50 oral rat	23000 mg/kg
Citral (5392-40-5)	
LD50 oral rat	4960 mg/kg
LD50 dermal rabbit	2250 mg/kg
ATE UN (oral)	4960.000 mg/kg bodyweight
ATE UN (dermal)	2250.000 mg/kg bodyweight

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
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.
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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]

12.2. Persistence and degradability

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

12.3. Bioaccumulative potential

MOUNTAIN FRESH	
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 : Container under pressure. Do not drill or burn even after use. Dispose of contents/container to an approved waste disposal plant.

Additional information : Flammable vapours may accumulate in the container.

Ecology - waste materials : Avoid release to the environment.

HP Code : H3-A - 'Highly flammable' :
— liquid substances and preparations having a flash point below 21 °C (including extremely flammable liquids), or
— substances and preparations which may become hot and finally catch fire in contact with air at ambient temperature without any application of energy, or
— solid substances and preparations which may readily catch fire after brief contact with a source of ignition and which continue to burn or to be consumed after removal of the source of ignition, or
— gaseous substances and preparations which are flammable in air at normal pressure, or
— substances and preparations which, in contact with water or damp air, evolve highly flammable gases in dangerous quantities
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

UN-No. (ADR) : 1950
UN-No. (IATA) : 1950
UN-No. (IMDG) : 1950
UN-No. (ADN) : 1950

14.2. UN proper shipping name

Proper Shipping Name (ADR) : AEROSOLS
Proper Shipping Name (IATA) : Aerosols, flammable
Proper Shipping Name (IMDG) : AEROSOLS
Proper Shipping Name (ADN) : AEROSOLS
Transport document description (ADR) : UN 1950 AEROSOLS (n-Butane, Isobutane), 2.1, (D)

14.3. Transport hazard class(es)

Class (ADR) : 2
Classification code (ADR) : 5F
Class (IATA) : 2
Class (IMDG) : 2
Class (ADN) : 2
Classification code (ADN) : 5F

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Danger labels (ADR) : 2.1,



Division (IATA) : 2.1

Hazard labels (IATA) : 2.1,



Danger labels (IMDG) : 2.1,



Danger labels (ADN) : 2.1,



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

Classification code (ADR) : 5F

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

Transport category (ADR) : 2

Tunnel restriction code (ADR) : D

Limited quantities (ADR) : 1I

Excepted quantities (ADR) : E0

14.6.2. Transport by sea

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

Limited quantities (IMDG) : SP277

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

14.6.3. Air transport

CAO packing instructions (IATA) : 203

CAO max net quantity (IATA) : 150kg

PCA packing instructions (IATA) : 203

PCA Limited quantities (IATA) : Y203

PCA limited quantity max net quantity (IATA) : 30kgG

PCA max net quantity (IATA) : 75kg

PCA Excepted quantities (IATA) : E0

Special provisions (IATA) : A145, A167

ERG code (IATA) : 10L

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14.6.4. Inland waterway transport

Special provisions (ADN)	: 19, 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
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%:

CITRAL

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 : This SDS has been prepared with reference to HSNO Approved Code of Practice for the Preparation of Safety Data Sheets HSNOCOP 8-1 09 06

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:

H220	Extremely flammable gas
H226	Flammable liquid and vapour
H280	Contains gas under pressure; may explode if heated
H313	May be harmful in contact with skin
H315	Causes skin irritation
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
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

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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