



SAFETY DATA SHEET

Printed on 18 Dec 2023

GHS: According to 2015/830/EU

Code Number FM75269
Version 3 Revised 18/12/2023 11:31:09 AM

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name FRESH GARDENIA
Code Number FM75269
Alternative Name
REACH Reg No Not registered

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

For fragrance use.

1.3 Details of the supplier of the safety data sheet

Australian Botanical Products Ltd
39 Melverton Drive, Hallam
Victoria, 3803
Australia
ABN: 45006782529

Telephone Number Tel No. +613 97094800
Email Address abpsales@ixom.com

1.4 Emergency Tel No Emergency No. +61 1 800 033 111

Section 2. Hazard Identification

2.1 Classification of the substance or mixture

SCI 3 Skin corrosion/irritation, category 3
SS 1B Skin sensitisation, category 1B
EDI 2A Eye damage/irritation, category 2A
EH A2 Aquatic hazard, acute, category 2
EH C2 Aquatic hazard, chronic, category 2

2.2 Label elements

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GHS classification according to Regulation (EC) No 1272/2008

Hazard Pictograms



Signal Word Warning

Hazard Statements

- | | |
|------|---|
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H411 | Toxic to aquatic life with long lasting effects |

Precautionary Statements

- | | |
|-----------|---|
| P261 | Avoid breathing fumes. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves and eye protection |
| P333+P313 | If skin irritation or rash occurs: Get medical advice. |
| P337+P313 | If eye irritation persists: Get medical attention. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P391 | Collect spillage. |
| P501 | Dispose of contents and container in accordance to local regulations. |

2.3 Other Hazards

Contains alpha-iso-Methylionone, Benzyl Alcohol, Benzyl Benzoate, Benzyl Salicylate, Citral, Eugenol, Farnesol, Geraniol, Hexyl Cinnamal, Hydroxycitronellal, Isoeugenol, Limonene and Linalool which may produce an allergic reaction

No further information available at this time

Section 3. Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

3.2 Mixtures

Complex mixture of ingredients

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Hazardous components

| ID Numbers | Chemical Name, Classification and Hazards | Conc (%) |
|---|--|-----------|
| CAS 118-58-1 EINECS 204-262-9 REACH | Benzyl salicylate SS 1B; EDI 2A; EH C2 H317, H319, H411 | 10% - 30% |
| CAS 24851-98-7 EINECS 246-495-9 REACH | methyl 3-oxo-2-pentylcyclopentaneacetate EH A2 H401 | 10% - 30% |
| CAS 54464-57-2 EINECS 259-174-3 REACH | 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl) SCI 2; SS 1B; EH C1 H315, H317, H410 | 1% - 10% |
| CAS 101-86-0 EINECS 202-983-3 REACH | a-hexylcinnamaldehyde SS 1B; EH A1, C2 H317, H400, H411 | 1% - 10% |
| CAS 90-87-9 EINECS 202-022-8 REACH | 2-phenylpropionaldehyde-dimethyl acetal FL 4; ATO 4(1850); SCI 3 H227, H302, H316 | 1% - 10% |
| CAS 107-75-5 EINECS 203-518-7 REACH | 7-hydroxycitronellal SCI 2; SS 1B; EDI 2A; EH A3 H315, H317, H319, H402 | 1% - 10% |
| CAS 78-70-6 EINECS 201-134-4 REACH | Linalool FL 4; SS 1B H227, H317 | 1% - 10% |
| CAS 18871-14-2 EINECS 242-640-5 REACH | tetrahydro-3-pentyl-2H-pyran-4-yl acetate EH C3 H412 | 1% - 10% |
| CAS 100-51-6 EINECS 202-859-9 REACH | benzyl alcohol ATO 4; ATD 5; EDI 2A; ATI 4 H302, H313, H319, H332 | 1% - 10% |
| CAS 140-11-4 EINECS 205-399-7 REACH | Benzyl acetate FL 4; ATO 5(2490); SCI 2; EDI 2A; ATI 5; STO-SE 3(RI); EH A2, C2 H227, H303, H315, H319, H333, H335, H401, H411 | 1% - 10% |
| CAS 120-51-4 EINECS 204-402-9 REACH | Benzyl benzoate ATO 4(1500); EH C2 H302, H411 | 1% - 10% |
| CAS 97-54-1 EINECS 202-590-7 REACH | Isoeugenol ATO 4(1500); ATD 4(1900); SCI 2; SS 1A; EDI 2A H302, H312, H315, H317, H319 | <1% |
| CAS 65405-77-8 EINECS 265-745-8 REACH | (Z)-3-hexenyl salicylate ATO 5; EH A1, C1 H303, H400, H410 | <1% |

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Refer to section 16 for the wording of listed classification and hazard statement codes

Section 4. First Aid measures

Take phrases in section 2 into account

4.1 Description of first aid measures

After inhalation

If fumes or combustion products are inhaled, remove to fresh uncontaminated air, lay patient on back until breathing returns to normal.

After skin contact

Irritating, may cause an allergic reaction. Remove contaminated clothing and wash thoroughly with soap and water. Seek medical advice if irritation persists or there are any signs of tissue damage.

After eye contact

Highly irritating. Flush eyes with plenty of water for 15 minutes including under eyelid. Seek medical advice if irritation persists. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

After ingestion

Do NOT induce vomiting. Position to avoid aspiration should vomiting occur. Wash mouth with plenty of water and obtain medical advice immediately. Never give anything by the mouth to an unconscious patient.

4.2 Most important symptoms and effects, both acute and delayed

Take phrases in sections 2 and 11 into account. No further information available at this time.

4.3 Indication of immediate medical attention and special treatment needed

Treat symptomatically.

Section 5. Fire-fighting measures

5.1 Extinguishing Media

Carbon dioxide, foam or dry powder. DO NOT USE A DIRECT WATER JET.

5.2 Special hazards arising from the substance or mixture

May produce Carbon dioxide and unidentified organic compounds.

5.3 Advice for fire-fighters

Wear Self-Contained Breathing Apparatus (S.C.B.A.) and full protective clothing to minimise skin exposure. Avoid inhalation of dusts/vapours. Keep containers cool with water spray. Do not use direct water jet on burning material. Do not allow spillage of fire to enter drains or watercourses.

HazChem Code • 3Z

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Section 6. Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
Remove all sources of ignition. Avoid inhalation, skin and eye contact. Ensure proper ventilation. Evacuate all unnecessary personnel. If possible, contain the spill.
- 6.2 Environmental precautions
Do not discharge directly into drains or the soil. Keep away from surface and ground water.
- 6.3 Methods and material for containment and cleaning up
Soak up spillage with sand or other inert absorbent material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations. If large quantities of this material enter the waterways, contact the EPA or your local Waste Management Group.
- 6.4 Reference to other sections
Refer to information in Sections 7, 8 and 13

Section 7. Handling and storage

- 7.1 Precautions for safe handling
Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes. Wear protective clothing and use safety glasses. Keep in original container or an alternative made from a compatible material.
- 7.2 Conditions for safe storage, including any incompatibilities
Store in tightly sealed original containers away from ignition sources and in a cool place. Avoid contact with incompatible materials that support combustion, such as strong oxidising agents.
- 7.3 Specific end use(s)
No further information available.

Section 8. Exposure controls / personal protection

- 8.1 Control Parameters
No exposure standards have been established for this material by Work safe Australia. However, as a matter of course avoid repeated or prolonged contact with the skin. Keep out of eyes. Do not ingest. Use with good ventilation, do not breathe dusts/vapours. Sensitive individuals may develop an allergic response.
- 8.2 Exposure controls
Engineering controls
Natural ventilation should be sufficient, however where dusts/vapours are generated the use of a grounded mechanical exhaust ventilation system is recommended.

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Individual protection measures

Refer to Section 5 for specific fire/chemical personal protective equipment advice.
Always wash routinely before breaks, meals and at the end of the work period.

Eye/face protection

Use splash-proof safety glasses and face shield where splashing is possible.

Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

Wear overalls. Depending on conditions in the workplace, additional body protection should be considered. Always wash routinely before breaks, meals and at the end of the work period.

Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas.

Thermal hazards

No information.

Environmental exposure controls

Emissions from ventilation and process equipment should be checked to ensure compliance with environmental protection legislation.

National Exposure Standards

No exposure standards have been established for this material by Worksafe Australia.

Biological Limit Values

No biological limit allocated.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|------------------------|---------------------------|
| FLASH POINT (°C) | >100°C |
| APPEARANCE | Mobile liquid |
| COLOUR | Colourless to pale yellow |
| ODOUR | Gardenia, green, fruity |
| ODOUR THRESHOLD | Not available |
| pH @20 DEG C | Not available |
| MELTING/FREEZING POINT | Not available |

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| | |
|---------------------------------|--------------------|
| INITIAL BOILING POINT AND RANGE | Not available |
| EVAPORATION RATE | Not available |
| FLAMMABILITY (SOLID/GAS) | Not available |
| UPPER/LOWER FLAMMABILITY LIMITS | Not available |
| VAPOUR PRESSURE | Not available |
| VAPOUR DENSITY | Not available |
| SPECIFIC GRAVITY @ 20°C | 0.98 to 1.01 |
| SOLUBILITIES | Insoluble in water |
| PARTITION COEFF N-OCTANAL/WATER | Not available |
| AUTO-IGNITION TEMPERATURE | Not available |
| DECOMPOSITION TEMPERATURE | Not available |
| VISCOSITY @ 20 DEG C | Not available |
| EXPLOSIVE PROPERTIES | Not available |
| OXIDISING PROPERTIES | Not available |

9.2 Other information

No further information available.

Section 10. Stability and reactivity

10.1 Reactivity

No data.

10.2 Chemical Stability

Stable under the recommended storage conditions (see section 7).

10.3 Possibility of hazardous reactions

No hazardous reactions if stored under suitable storage conditions.

10.4 Conditions to avoid

Avoid exposure to heat, sources of ignition, and open flame. Avoid exposure to air.

10.5 Incompatible materials

Keep away from oxidising agents and from highly alkaline or acidic material.

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10.6 Hazardous decomposition products

During combustion may form carbon monoxide, carbon dioxide and unidentified organic compounds.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not classified based on available data.

Skin corrosion / irritation

Causes mild skin irritation.

Serious eye damage / irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

No data

Carcinogenicity

No data

Reproductive toxicity

No data

STO-single exposure

No data

STO-repeated exposure

No data

Aspiration hazard

No data

Information on likely routes of exposure

No data

Symptoms related to the physical, chemical and toxicological characteristics

No data

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data

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Interactive effects

No data

Other information

No data

Section 12. Ecological information

12.1 Toxicity

Toxic to aquatic life with long lasting effects. Avoid contaminating waterways.

Contains Tetramethyl acetyloctahydronaphthalenes (54464-57-2):

LC50 (96 h) - Lepomis macrochirus - 1.3 mg/L

EC50 (48 h) - Daphnia magna - 1.38 mg/L

EC50 (72 h) - Scenedesmus subspicatus - 2.6 mg/L

NOEC (30 days) - Danio rerio - 0.16 mg/L

NOEC (21 days) - Daphnia magna - 0.044 mg/L

NOEC (72 h) - Scenedesmus subspicatus - 2.6 mg/L

12.2 Persistence and degradability

No test data available for this substance.

12.3 Bioaccumulative potential

No data

12.4 Mobility in soil

Avoid soil, surface water and water-bearing stratum contamination.

12.5 Results of PBT and vPvB assessment

No data

12.6 Other adverse effects

See sections 6, 7, 13 and 15.

Section 13. Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

Section 14. Transport information

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14.1 UN number

| | |
|------|------|
| ADR | 3082 |
| IATA | 3082 |
| IMDG | 3082 |

14.2 UN proper shipping name

| | |
|------|--|
| ADR | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES) |
| IATA | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES) |
| IMDG | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES) |

14.3 Transport hazard class(es)

| | |
|------|---|
| ADR | 9 |
| IATA | 9 |
| IMDG | 9 |

14.4 Packing group

| | |
|------|-----|
| ADR | III |
| IATA | III |
| IMDG | III |

Tunnel Code (-)

14.5 Environmental Hazards

Dangerous for the environment. Marine pollutant.

14.6 Special precautions for user

Maritime Transport (International Maritime Dangerous Goods Code (IMDG Code)):

EmS: F-A, S-F

Marine Pollutant: Yes

Road and Rail Transport (Australian Dangerous Goods Code (ADG Code)):

HazChem Code • 3Z

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

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Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Poison Schedule (SUSMP): Not applicable HS Tariff Code: 3302.90.00

All the constituents of this material are compliant with AICIS regulation.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

Section 16. Other information

Full list of precautionary phrases

| | |
|----------------|--|
| P261 | Avoid breathing fumes. |
| P264 | Wash hands thoroughly after handling |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves and eye protection |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice. |
| P337+P313 | If eye irritation persists: Get medical attention. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P391 | Collect spillage. |
| P501 | Dispose of contents and container in accordance to local regulations. |

Wording of any hazard classes listed in section 3

| | |
|-------|---------------------------------------|
| FL 4 | Flammable liquid, category 4 |
| ATO 4 | Acute toxicity, oral, category 4 |
| ATO 5 | Acute toxicity, oral, category 5 |
| ATD 4 | Acute toxicity, dermal, category 4 |
| ATD 5 | Acute toxicity, dermal, category 5 |
| SCI 2 | Skin corrosion/irritation, category 2 |

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| | |
|--------------|--|
| SCI 3 | Skin corrosion/irritation, category 3 |
| SS 1A | Skin sensitisation, category 1A |
| SS 1B | Skin sensitisation, category 1B |
| EDI 2A | Eye damage/irritation, category 2A |
| ATI 4 | Acute toxicity, inhalation, category 4 |
| ATI 5 | Acute toxicity, inhalation, category 5 |
| STO-SE 3(RI) | Specific target organ, single exposure, respiratory irritation |
| EH A1 | Aquatic hazard, acute, category 1 |
| EH A2 | Aquatic hazard, acute, category 2 |
| EH A3 | Aquatic hazard, acute, category 3 |
| EH C1 | Aquatic hazard, chronic, category 1 |
| EH C2 | Aquatic hazard, chronic, category 2 |
| EH C3 | Aquatic hazard, chronic, category 3 |

Wording of any hazard statements listed in section 3

| | |
|------|--|
| H227 | Combustible liquid |
| H302 | Harmful if swallowed |
| H303 | May be harmful if swallowed |
| H312 | Harmful in contact with skin |
| 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 |
| H332 | Harmful if inhaled |
| H333 | May be harmful if inhaled |
| H335 | May cause respiratory irritation |
| H400 | Very toxic to aquatic life |
| H401 | Toxic to aquatic life |
| H402 | Harmful 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 |

References and further information

N/A = Not applicable

SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons

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AIIC = Australian Inventory of Industrial Chemicals
AICIS = Australian Industrial Chemicals Introduction Scheme

Version 1: GHS format, BV 29/08/2017
Version 2: Minor changes, BV 21/09/2017
Version 3: Mandatory revision, RB 18/12/2023

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