

Printed on 31 Oct 2023

GHS: According to 2015/830/EU

Code Number FM72967

Version 5 Revised 31/10/2023 2:46:42 PM

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

1.1 Product I dentifier

Product Name **EGOS** FM72967 Code Number

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

| FL 4 | Flammable liquid, category 4 |
|--------|---------------------------------------|
| ATO 5 | Acute toxicity, oral, category 5 |
| AH 1 | Aspiration hazard, category 1 |
| SCI 2 | Skin corrosion/irritation, category 2 |
| SS 1B | Skin sensitisation, category 1B |
| EDI 2A | Eye damage/irritation, category 2A |
| REP 2 | Reproductive toxicity, category 2 |
| EH A1 | Aquatic hazard, acute, category 1 |
| 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 Danger

Hazard Statements

H227 Combustible liquid

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

H361 Suspected of damaging fertility or the unborn child

H400 Very toxic to aquatic life

H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

P201 Obtain special instructions before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and

other ignition sources. No smoking.

P273 Avoid release to the environment.

P280 Wear protective gloves and eye protection

P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE.

P308+P313 IF exposed or concerned: Get medical advice.

P331 Do NOT induce vomiting.

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

P337+P313 If eye irritation persists: Get medical attention.

P391 Collect spillage.

P403+P235 Store in a well-ventilated place. Keep cool.

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P405 Store locked up.

P501 Dispose of contents and container in accordance to local

regulations.

2.3 Other Hazards

Contains Anise Alcohol, Benzyl Alcohol, Benzyl Benzoate, Benzyl Salicylate, Cinnamal, Citral, Citronellol, Coumarin, Eugenol, Farnesol, Geraniol, Limonene and Linalool which may produce an allergic reaction

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

Hazardous components

| ID Numbers | Chemical Name, Classification and Hazards | Conc (%) |
|---|---|-----------|
| CAS 78-70-6 EINECS 201-134-4 REACH | Linalool FL 4;SS 1B H227,H317 | 10% - 30% |
| CAS 5989-27-5 EINECS 227-813-5 REACH | d-Limonene (p-Mentha-1,8-diene) FL 3;SCI 2;SS 1B;AH 1;EH A1,C1 H226,H304,H315,H317,H400,H410 | 10% - 30% |
| CAS 91-64-5 EINECS 202-086-7 REACH | Coumarin ATO 3;SS 1B;EH A2,C3 H301,H317,H401,H412 | 1% - 10% |
| CAS 18479-58-8 EINECS 242-362-4 REACH | 2,6-dimethyloct-7-en-2-ol FL 4;ATO 5(3600);SCI 2;EDI 2A;EH A3 H227,H303,H315,H319,H402 | 1% - 10% |
| CAS 105-95-3 EINECS 203-347-8 REACH | 1,4-dioxacycloheptadecane-5,17-dione EH A1,C3 H400,H412 | 1% - 10% |
| CAS 65113-99-7 EINECS 265-453-0 REACH | a,B,2,2,3-pentamethylcyclopent-3-ene-1-butanol SCI 3;EDI 2A;EH A2,C2 H316,H319,H401,H411 | 1% - 10% |
| CAS 3407-42-9 EINECS 222-294-1 REACH | 3-(5,5,6-trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol EDI 2A; REP 2; EH A2,C2 H319,H361,H401,H411 | 1% - 10% |
| CAS 24851-98-7 EINECS 246-495-9 REACH | methyl 3-oxo-2-pentylcyclopentaneacetate EH A2 H401 | 1% - 10% |

The information contained herein is true and accurate to the best of our knowledge. All information is valid until revisions are issued. However, the accuracy of this information cannot be guaranteed by the company as the data has been obtained from different sources. We will not, therefore, accept liability for misuse of this data resulting in damage or loss.

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| CAS 127-91-3 EINECS 204-872-5 | beta-Pinene | 1% - 10% |
|---|--|------------|
| REACH | FL 3;ATO 5(3700);AH 1;SCI 2;SS 1B;EH A1,C1 H226,H303,H304,H315,H317,H400,H410 | 176 1676 |
| CAS 150-84-5 EINECS 205-775-0 | Citronellyl acetate | 1% - 10% |
| REACH | SCI 2;EDI 2A;EH A2,C2 H315,H319,H401,H411 | 176 - 1076 |
| CAS 28219-61-6 EINECS 248-908-8 | 2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol | 1% - 10% |
| REACH | FL 4:EDI 2A:EH A1,C1 H227,H319,H400,H410 | 178 - 1078 |
| CAS 99-85-4 EINECS 202-794-6 | gamma-Terpinene (p-Mentha-1,4-diene) | 1% - 10% |
| REACH | FL 3;ATO 5(3850);AH 1;REP 2;EH A2,C2 H226,H303,H304,H361,H401,H411 | 178 - 1078 |
| CAS 97-53-0 EINECS 202-589-1 | Eugenol | 1% - 10% |
| REACH | ATO 5(2000); SCI 2; SS 1; EDI 2A H303, H315, H317, H319 | 176 - 1076 |
| CAS 115-95-7 EINECS 204-116-4 | Linalyl acetate | 1% - 10% |
| REACH | FL 4; SCI 2; EDI 2A; EH A3 H227, H315, H319, H402 | 1% - 10% |
| CAS 106-26-3 EINECS 203-379-2 | Neral | <1% |
| REACH | SCI 2;SS 1;EDI 2A H315,H317,H319 | <176 |
| CAS 80-56-8 EINECS 201-291-9 | Pinenes | <1% |
| REACH | FL 3;ATO 4;AH 1;SCI 2;SS 1;EH A1,C1 H226,H302,H304,H315,H317,H400,H410 | 170 |
| CAS 128-37-0 EINECS 204-881-4 | 2,6-di-tert-butyl-p-cresol | <1% |
| REACH | EH A1,C1 H400,H410 | 170 |
| CAS 141-12-8 EINECS 205-459-2 REACH | Neryl acetate | <1% |
| | SCI 2;SS 1;EH C3 H315,H317,H412 | 170 |
| CAS 105-87-3 EINECS 203-341-5 REACH | Geranyl acetate | <1% |
| | SCI 2;SS 1;EH C3 H315,H317,H412 | 170 |
| CAS 106-24-1 EINECS 203-377-1 REACH | Geraniol | <1% |
| | SCI 2;SS 1;EDI 1 H315,H317,H318 | 170 |
| CAS 475-20-7 EINECS 207-491-2 | [1S-(1a,3aß,4a,8aß)]-decahydro-4,8,8-trimethyl-9-methylene-1 | <1% |
| REACH | AH 1;SCI 3;SS 1;EH A1,C1 H304,H316,H317,H400,H410 | 170 |
| CAS 469-61-4 | alpha-Cedrene | .10/ |
| EINECS 207-418-4 REACH | AH 1;SCI 3;EH A1,C1 H304,H316,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

May be harmful if swallowed and may be fatal if enters airways. 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.

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HazChem Code • 3Z

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.

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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.

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) 67°C

APPEARANCE Mobile liquid

COLOUR Yellow to amber

ODOUR Fresh, aromatic, fougere, woody, musky

ODOUR THRESHOLD Not available

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pH @20 DEG C Not available MELTING/FREEZING POINT Not available INITIAL BOILING POINT AND Not available

RANGE

EVAPORATION RATE Not available FLAMMABILITY (SOLID/GAS) Not available UPPER/LOWER FLAMMABILITY Not available

LIMITS

VAPOUR PRESSURE Not available **VAPOUR DENSITY** Not available SPECIFIC GRAVITY @ 20°C 0.905 to 0.935 **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.

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10.5 Incompatible materials

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

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

May be harmful if swallowed.

Skin corrosion / irritation

Causes 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

Suspected of damaging fertility or the unborn child.

STO-single exposure

No data

STO-repeated exposure

No data

Aspiration hazard

May be fatal if swallowed and enters airways.

Information on likely routes of exposure

No data

Symptoms related to the physical, chemical and toxicological characteristics No data

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

No data

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 D-Limonene (5989-27-5):

LC50 (96 h) - Pimephales promelas (fathead minnow) - 0.72 mg/L

EC50 (48 h) - Daphnia magna - 0.36 mg/L

EC50 (72 h) - Raphidocelis subcapitata - 0.32 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

D-LIMONENE)

IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS

D-LIMONENE)

IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS

D-LIMONENE)

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): S5 CAUTION 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 | |
|------------------------------------|--|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| 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 |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTRE. |
| 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. |
| P308+P313 | IF exposed or concerned: Get medical advice. |
| P331 | Do NOT induce vomiting. |
| 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. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |

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| | P501 | Dispose of contents and container in accordance to local regulations. |
|---|--|---|
| | Wording of any hazard classes listed in section 3 | |
| | FL 3 | Flammable liquid, category 3 |
| | FL 4 | Flammable liquid, category 4 |
| | ATO 3 | Acute toxicity, oral, category 3 |
| | ATO 4 | Acute toxicity, oral, category 4 |
| | ATO 5 | Acute toxicity, oral, category 5 |
| | AH 1 | Aspiration hazard, category 1 |
| | SCI 2 | Skin corrosion/irritation, category 2 |
| | SCI 3 | Skin corrosion/irritation, category 3 |
| | SS 1 | Skin sensitisation, category 1 |
| | SS 1B | Skin sensitisation, category 1B |
| | EDI 1 | Eye damage/irritation, category 1 |
| | EDI 2A | Eye damage/irritation, category 2A |
| | REP 2 | Reproductive toxicity, category 2 |
| | 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 | |
| | H226 | Flammable liquid and vapour |
| | H227 | Combustible liquid |
| | H301 | Toxic if swallowed |
| | H302 | Harmful if swallowed |
| | H303 | May be harmful if swallowed |
| | H304 | May be fatal if swallowed and enters airways |
| | H315 | Causes skin irritation |
| | H316 | Causes mild skin irritation |
| | H317 | May cause an allergic skin reaction |
| | H318 | Causes serious eye damage |
| | H319 | Causes serious eye irritation |
| 1 | | |

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| H361 | Suspected of damaging fertility or the unborn child |
|------|--|
| 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

AIIC = Australian Inventory of Industrial Chemicals

AICIS = Australian Industrial Chemicals Introduction Scheme

Version 1: GHS format, BV 24/05/2017 Version 2: Minor changes, BV 24/05/2017 Version 3: Formula update, BV 09/01/2020 Version 4: System update, BV 16/04/2021

Version 5: GHS hazard update, RB 31/10/2023