



## SAFETY DATA SHEET

Printed on 23 Jan 2023

GHS: According to 2015/830/EU

Code Number FM76071  
Version 4 Revised 23/01/2023 12:35:20 PM

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

#### 1.1 Product Identifier

Product Name GRAPEFRUIT THYME BERGAMOT  
Code Number FM76071  
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 info@abp.com.au

#### 1.4 Emergency Tel No Emergency No. +61 438196124

### Section 2. Hazard Identification

#### 2.1 Classification of the substance or mixture

FL 3 Flammable liquid, category 3  
AH 1 Aspiration hazard, category 1  
SCI 2 Skin corrosion/irritation, category 2  
SS 1B Skin sensitisation, category 1B  
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 Danger

Hazard Statements

- H226 Flammable liquid and vapour
- H304 May be fatal if swallowed and enters airways
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

- 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
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye protection
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE.
- P331 Do NOT induce vomiting.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- 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.
- P501 Dispose of contents and container in accordance to local regulations.

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## 2.3 Other Hazards

Contains Citral, 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 fragrance ingredients

#### Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
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 127-91-3 EINECS 204-872-5 REACH	beta-Pinene FL 3:ATO 5(3700):AH 1;SCI 2;SS 1B;EH A1,C1 H226,H303,H304,H315,H317,H400,H410	<10%

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

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 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.

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## 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 • 3Y

## 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

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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.

#### 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.

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## 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)	58°C
APPEARANCE	Mobile liquid
COLOUR	Colourless to pale greenish-yellow
ODOUR	Fresh, grapefruit, bergamot, thyme
ODOUR THRESHOLD	Not available
pH @20 DEG C	Not available
MELTING/FREEZING POINT	Not available
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	1.035 to 1.065
SOLUBILITIES	Insoluble in water
PARTITION COEFF N-OCTANAL/WATER	Not available

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Version 4 Revised 23/01/2023 12:35:20 PM

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.

### 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 skin irritation.

#### Serious eye damage / irritation

Not classified based on available data.

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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

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

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## 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

### 14.1 UN number

ADR	1993
IATA	1993
IMDG	1993

### 14.2 UN proper shipping name

ADR	FLAMMABLE LIQUID, N.O.S. (CONTAINS D-LIMONENE)
IATA	FLAMMABLE LIQUID, N.O.S. (CONTAINS D-LIMONENE)
IMDG	FLAMMABLE LIQUID, N.O.S. (CONTAINS D-LIMONENE)

### 14.3 Transport hazard class(es)

ADR	3
IATA	3
IMDG	3

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## 14.4 Packing group

ADR III  
IATA III  
IMDG III  
Tunnel Code (D/E)

## 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-E, S-E  
Marine Pollutant: Yes

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

HazChem Code • 3Y

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

Not applicable

## Section 15. Regulatory information

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

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

P210                      Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P241                      Use explosion-proof equipment.  
P242                      Use only non-sparking tools.  
P243                      Take precautionary measures against static discharge.  
P261                      Avoid breathing fumes.  
P264                      Wash hands thoroughly after handling

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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.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
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
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
EH A1	Aquatic hazard, acute, category 1
EH C1	Aquatic hazard, chronic, category 1

## Wording of any hazard statements listed in section 3

H226	Flammable liquid and vapour
H303	May be harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

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## References and further information

Key:

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, JR 20/07/2021

Version 2: Minor changes, JR 21/07/2021

Version 3: Minor changes, JR 05/08/2021

Version 4: Minor changes, RB 23/01/2023

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