



## SAFETY DATA SHEET

Printed on Monday, 5 October 2020

GHS: According to 2015/830/EU

Code Number FM77496  
Version 1 Revised 5/10/2020 9:42:31 AM

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

#### 1.1 Product Identifier

Product Name SHOCKWAVES  
Code Number FM77496  
Alternative Name INCI: Parfum  
REACH Reg No Not registered

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

Concentrated material 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 4 Flammable liquid, category 4  
AH 1 Aspiration hazard, category 1  
SCI 2 Skin corrosion/irritation, category 2  
SS 1B Skin sensitisation, category 1B  
EH C1 Aquatic hazard, chronic, category 1

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## 2.2 Label elements

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                  |
| H410 | Very 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.  |
| P302+P352 | IF ON SKIN: Wash with plenty of water.   |
| P331      | Do NOT induce vomiting.  |
| P333+P313 | If skin irritation or rash occurs: Get medical advice.   |
| P362+P364 | Take off all contaminated clothing and wash it before reuse.                                   |
| P403+P235 | Store in a well-ventilated place. Keep cool.   |
| P501      | Dispose of contents and container in accordance with local regulation.                         |

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## 2.3 Other Hazards

Contains Citral, Citronellol, Coumarin, Geraniol, Hexyl Cinnamal, 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

#### 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 65113-99-7 EINECS 265-453-0 REACH	a,β,2,2,3-pentamethylcyclopent-3-ene-1-butanol SCI 3; EDI 2A; EH A2, C2 H316, H319, H401, H411	< 10%
CAS 21145-77-7 EINECS 244-240-6 REACH	1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)etha ATO 4(1000); EH A1, C1 H302, H400, H410	< 10%
CAS 28219-61-6 EINECS 248-908-8 REACH	2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol FL 4; EDI 2A; EH A1, C1 H227, H319, H400, H410	< 10%
CAS 65405-77-8 EINECS 265-745-8 REACH	(Z)-3-hexenyl salicylate SCI 3; SS 1B; EH A1, C1 H316, H317, H400, H410	< 10%
CAS 101-86-0 EINECS 202-983-3 REACH	a-hexylcinnamaldehyde SS 1B; EH A1, C2 H317, H400, H411	< 10%
CAS 32388-55-9 EINECS 251-020-3 REACH	[3R-(3a,3aβ,7β,8aa)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetra SS 1B; EH A1, C1 H317, H400, H410	< 10%
CAS 140-67-0 EINECS 205-427-8 REACH	4-allylanisole FL 4; ATO 4(1230); SCI 3; SS 1B; MUT 2; CAR 2 H227, H302, H316, H317, H341, H351	< 10%
CAS 80-56-8 EINECS 201-291-9 REACH	Pinenes FL 3; ATO 4; AH 1; SCI 2; EH A1, C1 H226, H302, H304, H315, H400, H410	< 10%

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CAS 24851-98-7 EINECS 246-495-9 REACH	methyl 3-oxo-2-pentylcyclopentaneacetate EH A3 H402	< 10%
CAS 1222-05-5 EINECS 214-946-9 REACH	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran EH A1,C1 H400,H410	< 10%
CAS 5392-40-5 EINECS 226-394-6 REACH	Citral SCI 2:SS 1 H315,H317	< 10%
CAS 99-85-4 EINECS 202-794-6 REACH	gamma-Terpinene (p-Mentha-1,4-diene) FL 3;ATO 5(3850);SCI 3;AH 1 H226,H303,H304,H316	< 10%
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool FL 4;SS 1B H227,H317	< 10%
CAS 115-95-7 EINECS 204-116-4 REACH	Linalyl acetate FL 4;SCI 2:EDI 2A;EH A3 H227,H315,H319,H402	< 10%

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

## Section 4. First Aid measures

Take phrases in sections 2 into account

### 4.1 Description of first aid measures

#### After inhalation

No known adverse effects. 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 skin 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

No known adverse effects from temporary 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 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 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

## 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 absorbant 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

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## 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 vapour. Sensitive individuals may develop an allergic response.

### 8.2 Exposure controls

#### Engineering controls

Natural ventilation should be sufficient, however where vapours of mists 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)	71
APPEARANCE	Mobile liquid
COLOUR	Almost colourless to yellow
ODOUR	Fresh, lemon, green, fig, marine, sandalwood, musk
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 deg C	0.950 to 0.980
SOLUBILITIES	Insoluble in water
PARTITION COEFF N-OCTANAL/WATER	Not available

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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

Not determined

### 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

No data

Skin corrosion / irritation

Causes skin irritation.

Serious eye damage / irritation

No 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

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

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

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## Section 12. Ecological information

### 12.1 Toxicity

Very toxic to aquatic life with long lasting effects. Avoid contaminating waterways.

d-Limonene (5989-27-5)

LC50 fish 1 (Lethal) - Pimephales promelas (fathead minnow) – 720µg/L – 96 h

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

Threshold limit 1 (GLP) - Desmodesmus subspicatus (green algae) – 150mg/L – 72 h

### 12.2 Persistence and degradability

No data

### 12.3 Bioaccumulative potential

No data

### 12.4 Mobility in soil

Prevent contamination of soil, ground and surface water.

### 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.

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## 14. Transport information

### 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 (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-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: Not applicable

HS Tariff Code: 3302.90.00

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.
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.
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P362+P364	Take off all 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 with local regulation.

Wording of any hazard classes listed in section 3

FL 3	Flammable liquid, category 3
FL 4	Flammable liquid, category 4
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

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SCI 3	Skin corrosion/irritation, category 3
SS 1	Skin sensitisation, category 1
SS 1B	Skin sensitisation, category 1B
EDI 2A	Eye damage/irritation, category 2A
MUT 2	Germ cell mutagenicity, category 2
CAR 2	Carcinogenicity, 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

Wording of any hazard statements listed in section 3

H226	Flammable liquid and vapour
H227	Combustible liquid
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
H319	Causes serious eye irritation
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer
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

References and further information

KEY:

N/A = Not applicable

Version 1: GHS format, BV 05/10/2020

Authorised by: JJ 05/10/2020

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