



SAFETY DATA SHEET

Printed on 14 Dec 2023

GHS: According to 2015/830/EU

Code Number FM73580
Version 4 Revised 14/12/2023 11:36:48 AM

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

1.1 Product Identifier

Product Name SANDALWOOD CD
Code Number FM73580
Alternative Name
REACH Reg No Not registered

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

ATO 5 Acute toxicity, oral, category 5
SCI 2 Skin corrosion/irritation, category 2
SS 1B Skin sensitisation, category 1B
EDI 1 Eye damage/irritation, category 1
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

- | | |
|------|---|
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| 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 |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTRE. |
| 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. |
| P501 | Dispose of contents and container in accordance to local regulations. |

2.3 Other Hazards

Contains Citronellol, Eugenol, Geraniol, Hexyl Cinnamal and Linalool which may produce an allergic reaction

No further information available at this time

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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 60-12-8 EINECS 200-456-2 REACH	2-phenylethanol ATO 4(1609):EDI 2A H302,H319	10% - 30%
CAS 106-22-9 EINECS 203-375-0 REACH	citronellol ATO 5;ATD 5;SCI 2;SS 1B;EDI 2A;EH A2 H303,H313,H315,H317,H319,H401	10% - 30%
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	1% - 10%
CAS 97-53-0 EINECS 202-589-1 REACH	Eugenol ATO 5;SS 1B;EDI 2A;EH A2 H303,H317,H319,H401	1% - 10%
CAS 101-86-0 EINECS 202-983-3 REACH	a-hexylcinnamaldehyde SS 1B;EH A1,C2 H317,H400,H411	1% - 10%
CAS 87-20-7 EINECS 201-730-4 REACH	isopentyl salicylate ATO 4;SS 1B;EH A2,C2 H302,H317,H401,H411	1% - 10%
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 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	1% - 10%
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool FL 4;ATO 5;SCI 2;SS 1B;EDI 2A;EH A3 H227,H303,H315,H317,H319,H402	1% - 10%
CAS 106-24-1 EINECS 203-377-1 REACH	Geraniol ATO 5;SCI 2;SS 1;EDI 1;EH A3 H303,H315,H317,H318,H402	1% - 10%
CAS 475-20-7 EINECS 207-491-2 REACH	[1S-(1a,3aß,4a,8aß)]-decahydro-4,8,8-trimethyl-9-methylene-1 AH 1;SCI 3;SS 1;EH A1,C1 H304,H316,H317,H400,H410	1% - 10%

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CAS 469-61-4 EINECS 207-418-4 REACH	alpha-Cedrene AH 1; SCI 3; EH A1, C1 H304, H316, H400, H410	1% - 10%
CAS 470-40-6 EINECS - REACH	Thujopsene SS 1B; EDI 2A; EH A2 H317, H319, H401	1% - 10%
CAS 77-53-2 EINECS 201-035-6 REACH	Cedrol (alpha-Cedrol) SCI 3; EH A2, C2 H316, H401, H411	1% - 10%
CAS 32388-55-9 EINECS 251-020-3 REACH	[3R-(3a,3aß,7ß,8aa)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetra ATO 5; SS 1B; EH A1, C1 H303, H317, H400, H410	< 1%

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

Causes serious damage to eyes. Flush eyes with plenty of water for 15 minutes including under eyelid. Seek medical advice immediately. 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 if necessary. 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.

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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 vemiculite; 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.

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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.

Thermal hazards

Not applicable.

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.

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Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

FLASH POINT (°C)	110°C
APPEARANCE	Mobile liquid
COLOUR	Pale yellow to yellow
ODOUR	Sandalwood
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	0.915 to 0.945
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.

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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

May be harmful if swallowed.

Skin corrosion / irritation

Causes skin irritation.

Serious eye damage / irritation

Causes serious eye damage.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

No data

Carcinogenicity

No data

Reproductive toxicity

No data

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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 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran (HHCB)

CAS: 1222-05-5:

LC50 (96 h) - Medaka larvae – 0.95 mg/L

EC50 (48 h) - Daphnia magna – 0.194 mg/L

EC50 (72 h) - Pseudokirchneriella subcapitata – > 0.854 mg/l

NOEC (36 days) - Pimephales promelas (fathead minnow) - 0.068 mg/L

NOEC (21 days) - Daphnia magna 0.11 mg/L

NOEC (72 h) - Pseudokirchneriella subcapitata – 0.2 mg/L

12.2 Persistence and degradability

No tested data available on this product.

12.3 Bioaccumulative potential

No data

12.4 Mobility in soil

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

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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 3082

IATA 3082

IMDG 3082

14.2 UN proper shipping name

ADR ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS HHCB)

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

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

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.

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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

Section 15. Regulatory information

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

Poison Schedule: S6 POISON 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.
P310	Immediately call a POISON CENTRE.
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.
P501	Dispose of contents and container in accordance to local regulations.

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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
AH 1	Aspiration hazard, category 1
ATD 5	Acute toxicity, dermal, category 5
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
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

H227	Combustible liquid
H302	Harmful if swallowed
H303	May be harmful if swallowed
H304	May be fatal if swallowed and enters airways
H313	May be harmful in contact with skin
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
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

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References and further information

Version 1: GHS format, BV 31/05/2018

Version 2: Hazard code update, RB 18/02/2022

Version 3: Minor changes, RB 18/02/2022

Version 4: UN number update, RB 14/12/2023

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