

SAFETY DATA S GHS: According to 2015/830/E		Printed on	16 Nov 202.
Code Number Version 3 Revised 16/1	FM72177 1/2023 4:28:55 PM		
Section 1. Identification	n of the substance/mixture and of	the company	/undertaking
1.1 Product I dentifier			
Product Name	SANDAL AMBER		
Code Number	FM72177		
Alternative Name			
REACH Reg No	Not registered		
1.2 Relevant identified	l uses of the substance or mixture	and uses adv	ised against
For fragrance use.			
1.3 Details of the supp	lier 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 I den	tification		
2.1 Classification of th	e substance or mixture		
ATO 5	Acute toxicity, oral, category 5		
SCI 2	Skin corrosion/irritation, category 2		
SS 1B	Skin sensitisation, category 1B		
EDI 2A	Eye damage/irritation, category 2A		
EH A2 EH C2	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 Pictogram	ms	
	NV.	
	$\mathbf{v}$ $\mathbf{v}$	
Signal Word	Warning	
Hazard Statemer	nts	
H315	Causes skin irritation	
H317	May cause an allergic skin reaction	
H319	Causes serious eye irritation	
H411	Toxic to aquatic life with long lasting effects	
Precautionary St	atements	
P261	Avoid breathing fumes.	
P273	Avoid release to the environment.	
P280	Wear protective gloves and eye protection	
P312	Call a POISON CENTRE if you feel unwell.	
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.	
P405	Store locked up.	
P501	Dispose of contents and container in accordance to local regulations.	
2.3 Other Hazards		
	-Methylionone, Benzyl Alcohol, Benzyl Benzoate, Benzyl Salicyla Coumarin, Eugenol, Limonene and Linalool which may produce a	

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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 120-51-4 EINECS 204-402-9 REACH	Benzyl benzoate	10% - 30%
REACH	ATO 4(1500); EH C2 H302, H411	
CAS EINECS REACH	A mixture of proprietary fragrance ingredients EH C2	1% - 10%
REACH	H411	
CAS 54464-57-2 EINECS 259-174-3	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)	1% - 10%
REACH	SCI 2:SS 1B;EH C1 H315,H317,H410	
CAS 63500-71-0 EINECS 405-040-6	A mixture of: cis-tetrahydro-2-isobutyl-4-methylpyran-4-ol;	1% - 10%
REACH	EDI 2A H319	
CAS 91-64-5 EINECS 202-086-7	Coumarin	1% - 10%
REACH	ATO 3; SS 1B; EH A2, C3 H301, H317, H401, H412	
CAS 1506-02-1 EINECS 244-240-6	1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)etha	1% - 10%
REACH	ATO 4(1000);EH A1,C1 H302,H400,H410	
CAS 121-33-5 Vanillin EINECS 204-465-2	Vanillin	1% - 10%
REACH	ATO 5;EDI 2A;EH A3 H303,H319,H402	
CAS 18479-58-8 EINECS 242-362-4	2,6-dimethyloct-7-en-2-ol	1% - 10%
REACH	FL 4;ATO 5(3600);SCI 2;EDI 2A;EH A3 H227,H303,H315,H319,H402	
CAS 127-51-5 EINECS 204-846-3	alpha-iso-Methylionone	1% - 10%
REACH	SCI 2;EDI 2A;EH C2 H315,H319,H411	
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	1% - 10%
	EH A1,C1 H400,H410	
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	

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CAS 77-54-3 EINECS 201-036-1 REACH	[3R-(3a,3aß,6a,7ß,8aa)]-octahydro-3,6,8,8-tetramethyl-1H-3a, SS 1B;EH A1,C1 H317,H400,H410	<1%
CAS 80-56-8 EINECS 201-291-9 REACH	Pinenes FL 3; ATO 4; AH 1; SCI 2; SS 1; EH A1, C1 H226, H302, H304, H315, H317, H400, H410	<1%
CAS 23787-90-8 EINECS 245-890-3 REACH	1,3,4,6,7,8a-hexahydro-1,1,5,5-tetramethyl-2H-2,4a-methanona ATO 5;SCI 2;SS 1;EH A2,C2 H303,H315,H317,H401,H411	<1%
CAS 104-55-2 EINECS 203-213-9 REACH	cinnamaldehyde FL 4;ATO 5;ATD 5;SCI 2;SS 1A;EDI 2A H227,H303,H313,H315,H317,H319	<1%
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%
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%
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%
CAS 469-61-4 EINECS 207-418-4 REACH	alpha-Cedrene AH 1; SCI 3; EH A1, C1 H304, H316, H400, H410	<1%
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	<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.

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### 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. 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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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.

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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.

#### 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.

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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	
FLASH POINT (°C)	110°C
APPEARANCE	Mobile liquid
COLOUR	Pale yellow to yellow
ODOUR	Sandalwood, ambery, herbal
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

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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	У
10.1 Reactivity No data.	
10.2 Chemical Stability Stable under the recommended st	orage conditions (see section 7).
10.3 Possibility of hazardous rea No hazardous reactions if stored u	
10.4 Conditions to avoid Avoid exposure to heat, sources of	f ignition, and open flame. Avoid exposure to air.
10.5 I ncompatible materials Keep away from oxidising agents a	and from highly alkaline or acidic material.
10.6 Hazardous decomposition p During combustion may form carb compounds.	roducts on monoxide, carbon dioxide and unidentified organic
Section 11. Toxicological informat	tion
11.1 Information on toxicologica	l effects
Acute toxicity May be harmful if swallowed.	

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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 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

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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 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	3082
IATA	3082
IMDG	3082

14.2 UN proper shipping name

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

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IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANC (CONTAINS HHCB)	E, LIQUID, N.O.S	S.	
14.3 Transpo	rt hazard class(es)			
ADR	9			
ΙΑΤΑ	9			
IMDG	9			
14.4 Packing	group			
ADR				
ΙΑΤΑ	111			
IMDG	111			
Tunnel Code	(-)			
	mental Hazards or the environment. Marine pollutant.			
		ds Code (IMDG (	Code)):	
Road and Rail Transport (Australian Dangerous Goods Code (ADG Code)):				
HazChem Code • 3Z				
14.7 Transpo Not applicab	rt in bulk according to Annex II of MARPO le	L73/78 and th	e IBC Code	
Section 15. Re	egulatory information			
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture				
Poison Sche	dule (SUSMP): S5 CAUTION HS	5 Tariff Code: 33	02.90.00	
All the const	ituents of this material are compliant with AICI	S regulation.		
	al safety assessment safety assessment has not been carried out			
Section 16. Ot	her information			

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Full list of precautionary phrases		
P201	Obtain special instructions before use.	
P202	Do not handle until all safety precautions have been read and understood.	
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.	
P308+P313	IF exposed or concerned: Get medical advice.	
P312	Call a POISON CENTRE if you feel unwell.	
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.	
P405	Store locked up.	
P501	Dispose of contents and container in accordance to local regulations.	
Wording of any haz	ard 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	
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 1A	Skin sensitisation, category 1A	

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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 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 ha	zard 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
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
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 fu	rther information
AIIC = Australian Inv	e for the Uniform Scheduling of Medicines and Poisons ventory of Industrial Chemicals ndustrial Chemicals Introduction Scheme
Version 1-2: GHS for Version 3: Mandator	

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