

Printed on 13 May 2024

GHS: According to 2015/830/EU

FM77097 Code Number

Version 4 Revised 13/05/2024 12:52:57 PM

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

1.1 Product Identifier

Product Name OUD & BORONIA FACTOR 3

Code Number FM77097

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

SCI 2 Skin corrosion/irritation, category 2 SS 1B Skin sensitisation, category 1B EDI 2A Eye damage/irritation, category 2A EH A2 Aquatic hazard, acute, category 2 EH C2 Aquatic hazard, chronic, category 2

2.2 Label elements

Printed on 13 May 2024

GHS: According to 2015/830/EU

Code Number FM77097

Version 4 Revised 13/05/2024 12:52:57 PM

GHS classification according to Regulation (EC) No 1272/2008

Hazard Pictograms



Signal Word Warning

Hazard Statements

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 Statements

P261 Avoid breathing fumes.

P264 Wash hands thoroughly after handling

P273 Avoid release to the environment.

P280 Wear protective gloves and eye protection

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.

P501 Dispose of contents/container in accordance to local regulations

2.3 Other Hazards

Contains alpha-iso-Methylionone, Benzyl Salicylate, Cinnamyl Alcohol, Citral, Citronellol, Coumarin, Eugenol, Geraniol, 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

Printed on 13 May 2024

GHS: According to 2015/830/EU

Code Number FM77097 Version 4 Revised 13/05/2024 12:52:57 PM

3.2 Mixtures

Complex mixture of ingredients

Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 106-24-1 EINECS 203-377-1 REACH	Geraniol ATO 5(3600); SCI 2; SS 1; EDI 1; EH A3 H303, H315, H317, H318, H402	1% - 10%
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool FL 4;SS 1B H227,H317	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 106-02-5 EINECS 203-354-6 REACH	pentadecan-15-olide SCI 3:EH C2 H316,H411	1% - 10%
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	1% - 10%
CAS 5986-55-0 EINECS 227-807-2 REACH	Patchouli alcohol SCI 3;EH A2,C2 H316,H401,H411	1% - 10%
CAS 60-12-8 EINECS 200-456-2 REACH	Phenyl ethyl alcohol ATD 5(2500);ATO 4(1610);EDI 2A;SCI 3 H302,H313,H316,H319	1% - 10%
CAS 24851-98-7 EINECS 246-495-9 REACH	methyl 3-oxo-2-pentylcyclopentaneacetate EH A2 H401	1% - 10%
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	<1%
CAS 81786-73-4 EINECS 279-822-9 REACH	(Z)-3,4,5,6,6-pentamethylhept-3-en-2-one FL 4;SS 1;EH C2 H227,H317,H411	<1%
CAS 97-53-0 EINECS 202-589-1 REACH	Eugenol ATO 5(2000); SCI 2; SS 1; EDI 2A H303, H315, H317, H319	<1%
CAS 639-99-6 EINECS 211-360-5 REACH	Elemol SCI 2;SS 1;EH C2 H315,H317,H411	<1%

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Printed on 13 May 2024

GHS: According to 2015/830/EU

Code Number FM77097

Version 4 Revised 13/05/2024 12:52:57 PM

CAS 1506-02-1 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	<1%
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%
CAS 23696-85-7 EINECS 245-833-2 REACH	1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one SCI 2;SS 1A;EH A2,C2 H315,H317,H401,H411	<1%
CAS 104-54-1 EINECS 203-212-3 REACH	cinnamyl alcohol ATO 4;SS 1;EH C2 H302,H317,H411	<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%
CAS 128-37-0 EINECS 204-881-4 REACH	2,6-di-tert-butyl-p-cresol EH A1,C1 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%

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

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

Printed on 13 May 2024

GHS: According to 2015/830/EU

Code Number FM77097

Version 4 Revised 13/05/2024 12:52:57 PM

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.

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

Printed on 13 May 2024

GHS: According to 2015/830/EU

Code Number FM77097

Version 4 Revised 13/05/2024 12:52:57 PM

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.

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

Printed on 13 May 2024

GHS: According to 2015/830/EU

Code Number FM77097

Version 4 Revised 13/05/2024 12:52:57 PM

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) >100°C

APPEARANCE Mobile liquid

COLOUR Yellow to golden yellow

ODOUR Floral, sandalwood, saffron, boronia, amber, musk

ODOUR THRESHOLD

PH @20 DEG C

MELTING/FREEZING POINT

INITIAL BOILING POINT AND

Not available

Not available

RANGE

EVAPORATION RATE

FLAMMABILITY (SOLID/GAS)

Not available

UPPER/LOWER FLAMMABILITY

Not available

LIMITS

VAPOUR PRESSURE

VAPOUR DENSITY

Not available

SPECIFIC GRAVITY @ 20°C

0.985 - 1.015

SOLUBILITIES Insoluble in water

PARTITION COEFF Not available

N-OCTANAL/WATER

Printed on 13 May 2024

GHS: According to 2015/830/EU

Code Number FM77097

Version 4 Revised 13/05/2024 12:52:57 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

Causes serious eye irritation.

Printed on 13 May 2024

GHS: According to 2015/830/EU

Code Number FM77097

Version 4 Revised 13/05/2024 12:52:57 PM

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 Tetramethyl acetyloctahydronaphthalenes (54464-57-2):

LC50 (96 h) - Lepomis macrochirus - 1.3 mg/L

EC50 (48 h) - Daphnia magna - 1.38 mg/L

EC50 (72 h) - Scenedesmus subspicatus - 2.6 mg/L

NOEC (30 days) - Danio rerio - 0.16 mg/L

Printed on 13 May 2024

GHS: According to 2015/830/EU

Code Number FM77097

Version 4 Revised 13/05/2024 12:52:57 PM

NOEC (21 days) - Daphnia magna – 0.044 mg/L NOEC (72 h) - Scenedesmus subspicatus - 2.6 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

TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES)

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

TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES)

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

TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES)

Printed on 13 May 2024

GHS: According to 2015/830/EU

Code Number FM77097

Version 4 Revised 13/05/2024 12:52:57 PM

- 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

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

P261 Avoid breathing fumes.

P264 Wash hands thoroughly after handling

Printed on 13 May 2024

GHS: According to 2015/830/EU

Code Number FM77097

Version 4 Revised 13/05/2024 12:52:57 PM

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.
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.
P501	Dispose of contents/container in accordance to local regulations
Wording of any haza	rd classes listed in section 3
FL 3	Flammable liquid, category 3
FL 4	Flammable liquid, category 4
FS 2	Flammable solid, category 2
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
AH 2	Aspiration hazard, category 2
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
SS 1B	Skin sensitisation, category 1B
EDI 1	Eye damage/irritation, category 1
EDI 2A	Eye damage/irritation, category 2A
ATI 4	Acute toxicity, inhalation, category 4
ATI 5	Acute toxicity, inhalation, category 5
STO-SE 3(RI)	Specific target organ, single exposure, respiratory irritation
MUT 2	Germ cell mutagenicity, category 2
CAR 2	Carcinogenicity, category 2

Printed on 13 May 2024

GHS: According to 2015/830/EU

Code Number FM77097

Version 4 Revised 13/05/2024 12:52:57 PM

REP 2	Reproductive toxicity, category 2	
STO-SE 2	Specific target organ, single exposure, 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	y hazard statements listed in section 3	
H226	Flammable liquid and vapour	
H227	Combustible liquid	
H228	Flammable solid	
H301	Toxic if swallowed	
H302	Harmful if swallowed	
H303	May be harmful if swallowed	
H304	May be fatal if swallowed and enters airways	
H305	May be harmful 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	
H332	Harmful if inhaled	
H333	May be harmful if inhaled	
H335	May cause respiratory irritation	
H341	Suspected of causing genetic defects	
H351	Suspected of causing cancer	
H361	Suspected of damaging fertility or the unborn child	
H371	May cause damage to organs	
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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Printed on 13 May 2024

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Code Number FM77097

Version 4 Revised 13/05/2024 12:52:57 PM

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

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