

| SAFETY DATA S GHS: According to 2015/830/ | |
|--|--|
| Code Number Version 2 Revised 7/04 | EOCINLO 4/2017 9:50:59 AM |
| Section 1. Identificatio | n of the substance/mixture and of the company/undertaking |
| 1.1 Product I dentifier Product Name Code Number Alternative Name | CINNAMON LEAF OIL UNRECTIFIED ORGANIC EOCINLO |
| REACH Reg No | Not registered |
| 1.2 Relevant identified | d uses of the substance or mixture and uses advised against |
| Concentrated material | for manufacturing purposes only |
| 1.3 Details of the supp | olier of the safety data sheet Australian Botanical Products Ltd 39 Melverton Drive 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 IDE | ENTIFICATION |
| 2.1 Classification of th | ne substance or mixture |
| FL 4 | Flammable liquid, category 4 |
| ATO 5 | Acute toxicity, oral, category 5 |
| ATD 5 | Acute toxicity, dermal, category 5 |
| SCI 3 | Skin corrosion/irritation, category 3 |
| SS 1 | Skin sensitisation, category 1 |
| EDI 2A | Eye damage/irritation, category 2A |
| MUT 2 | Germ cell mutagenicity, category 2 |
| CAR 1B | Carcinogenicity, category 1B |
| EH A2 | Aquatic hazard, acute, category 2 |
| EH C3 | Aquatic hazard, chronic, category 3 |
| | |

| IS: According to 2015/ | 830/EU |
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| ersion 2 Revised . | 7/04/2017 9:50:59 AM |
| 2.2 Label elements | 5 |
| | according to Regulation (EC) No 1272/2008 |
| Hazard Pictogra | |
| | |
| | |
| | |
| Signal Word | Danger |
| Hazard Stateme | nts |
| H227 | Combustible liquid |
| H303 | May be harmful if swallowed |
| H313 | May be harmful in contact with skin |
| H316 | Causes mild skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H341 | Suspected of causing genetic defects |
| H350 | May cause cancer |
| H401 | Toxic to aquatic life |
| H412 | Harmful to aquatic life with long lasting effects |
| Precautionary St | atements |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignnition 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 |
| P403+P235 | Store in a well-ventilated place. Keep cool. |

| . | | | | |
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| <i>Code Number Version 2 Revised</i> | EOCINLO d 7/04/2017 9:50:59 AM | , | | |
| P501 | Dispose of contents regulation. | and container in a | ccordance w | vith local |
| 2.3 Other Hazard | ds | | | |
| | Benzoate, Cinnamal, Coum nay produce an allergic reac | | nesol, Isoeu | genol and |
| No further inform | mation available at this time | 2 | | |
| | osition / information on ir isted here for hazardous components are f | - | у | |
| Description | CINNAMON LEAF OIL UNREC | TIFIED ORGANIC | | |
| EC/EINECS | 283-479-0 | | | |
| CAS Number | 84649-98-9 | | | |
| USCAS Number | 8015-91-6 | | | |
| Hazardous comp | onents | | | |
| ID Numbers | Chemical Name, Classificatio | on and Hazards | | Conc (%) |
| CAS 97-53-0 EINECS 202-589-1 REACH | Eugenol ATO 5(2300); SCI 3; EDI 2A; SS 1B; EH H303, H316, H317, H319, H401 | A2 | | 78.0000 |
| CAS 120-51-4 | Benzyl benzoate | | | |
| EINECS 204-402-9 REACH | ATD 5(4000); ATO 4(1500); EH A1, C2 H302, H313, H400, H411 | | | 3.0000 |
| CAS 78-70-6 EINECS 201-134-4 REACH | Linalool FL 4; ATO 5(3000); EDI 2A; SCI 2; EH A H227, H303, H315, H319, H402 | 3 | | 2.4000 |
| CAS 104-55-2 EINECS 203-213-9 REACH | Cinnamic aldehyde ATD 4(1100);ATO 5(2500);EDI 2A;SC H303,H312,H315,H317,H319,H401 | CI 2;SS 1A;EH A2 | | 1.2000 |
| CAS 94-59-7 | Safrole | | | |
| EINECS 202-345-4 REACH | ATO 4(1950);CAR 1B;MUT 2 H302,H341,H350 | | | 1.0000 |
| CAS 100-52-7 EINECS 202-860-4 | Benzaldehyde | | | 0.2000 |
| REACH | FL 4;ATI 4(1.5);ATO 4(1300);EDI 2A; H227,H302,H316,H319,H332,H335,H | | | 0.2000 |
| | | | | |
| CAS 93-15-2 EINECS 202-223-0 | Methyl eugenol (Eugenyl methyl ether | | | 0.1000 |

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Printed on Thursday, 13 April 2017

GHS: According to 2015/830/EU

Code Number EOCINLO

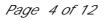
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| VEISION 2 REVISED | u 1/04/2017 9:50:59 Alvi | |
|--|---|-----------|
| CAS 91-64-5 EINECS 202-086-7 | Coumarin | 0.0200 |
| REACH | ATO 4(500); SS 1B; EH A3 H302, H317, H402 | |
| Refer to section 16 for | or the wording of listed classification and hazard statement codes | |
| Section 4. First A | id measures | |
| Take phrases in sections 2 into account | | |
| 4.1 Description of first aid measures | | |
| After inhalation | | |
| Remove from the exposure area to fresh air, lay patient on back until breathing returns to normal. Contact a doctor if necessary. | | |
| After skin cont | tact | |
| | inated clothing. Wash thoroughly with soap and water. See on persists or there is any sign of tissue damage. | k medical |
| After eye conta | act | |
| | Flush with plenty of water for 15 minutes including under eyelid and seek medical advice if necessary. | |
| After ingestior | 1 | |
| Do NOT induce vomiting. Position to avoid aspiration should vomiting occur. Wash mouth with plenty of water and obtain medical advice immediately. | | |
| 4.2 Most important symptoms and effects, both acute and delayed | | |
| No further information available at this time | | |
| 4.3 Indication of immediate medical attention and special treatment needed | | |
| No further information available at this time | | |
| Section 5. Fire-fighting measures | | |
| 5.1 Extinguishing | g Media | |
| | Carbon dioxide, foam or dry powder DO NOT USE A DIRECT WATER JET. | |
| 5.2 Special hazaı | rds 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.

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Version 2 Revised 7/04/2017 9:50:59 AM

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 compatiable 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.

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Code Number EOCINLO

Version 2 Revised 7/04/2017 9:50:59 AM

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

No information

Environmental exposure controls

Emissions from ventilation and process equipment should be checked to ensure compliance with environmental protection legislation.

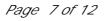
Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

| FLASH POINT (°C) | 90 |
|------------------------------------|------------------------------|
| APPEARANCE | Mobile liquid |
| COLOUR | Pale yellow to amber |
| ODOUR | Warm, spicy but rather harsh |
| 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 |
| | |

| HS: According to 2015/830/EU | |
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| Code Number EOCINLC | 7 |
| Version 2 Revised 7/04/2017 9:5 | 50:59 AM |
| UPPER/LOWER FLAMMABILITY LIMITS | Not available |
| VAPOUR PRESSURE | Not available |
| VAPOUR DENSITY | Not available |
| SPECIFIC GRAVITY @ 20 deg C | 1.03 to 1.06 |
| SOLUBILITIES | Not available |
| PARTITION COEFF N-OCTANAL/WATER | Not available |
| AUTO-IGNITION TEMPERATURE | Not available |
| DECOMPOSITION TEMPERATURE | Not available |
| VISCOSITY @ 20 DEG C | Not available |
| | Not available |
| EXPLOSIVE PROPERTIES | Not available |
| | |
| EXPLOSIVE PROPERTIES OXIDISING PROPERTIES 9.2 Other information No further information available Section 10. Stability and reactivit 10.1 Reactivity | Not available Not available |
| EXPLOSIVE PROPERTIES OXIDISING PROPERTIES 9.2 Other information No further information available Section 10. Stability and reactivit 10.1 Reactivity Not determined | Not available Not available |
| EXPLOSIVE PROPERTIES OXIDISING PROPERTIES 9.2 Other information No further information available Section 10. Stability and reactivit 10.1 Reactivity Not determined 10.2 Chemical Stability | Not available Not available |
| EXPLOSIVE PROPERTIES OXIDISING PROPERTIES 9.2 Other information No further information available Section 10. Stability and reactivit 10.1 Reactivity Not determined | Not available Not available |
| EXPLOSIVE PROPERTIES OXIDISING PROPERTIES 9.2 Other information No further information available Section 10. Stability and reactivit 10.1 Reactivity Not determined 10.2 Chemical Stability Stable under the recommended st 10.3 Possibility of hazardous reactions if stored under the avoid | Not available Not available |
| EXPLOSIVE PROPERTIES OXIDISING PROPERTIES 9.2 Other information No further information available Section 10. Stability and reactivit 10.1 Reactivity Not determined 10.2 Chemical Stability Stable under the recommended statistical 10.3 Possibility of hazardous reactions if stored us No hazardous reactions if stored us 10.4 Conditions to avoid Avoid exposure to heat, sources of 10.5 I ncompatible materials | Not available Not available |

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GHS: According to 2015/830/EU

Code Number EOCINLO Version 2 Revised 7/04/2017 9:50:59 AM

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity May be harmful if swallowed. May be harmful in contact with skin. LD50 oral (rat) - 2650 mg/kg LD50 dermal (rabbit) - >5000 mg/kg Skin corrosion / irritation

Causes mild skin irritation.

Serious eye damage / irritation

Causes serious eye irritation.

Respiratory or skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity Suspected of causing genetic defects.

Carcinogenicity

May cause cancer.

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

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GHS: According to 2015/830/EU

Code Number EOCINLO

Version 2 Revised 7/04/2017 9:50:59 AM

Interactive effects No data

Other information

No data

Section 12. Ecological information

12.1 Toxicity

Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected. Avoid contaminating waterways.

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.

Section 14. Transport information

14.1 UN number Not Regulated

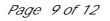
14.2 UN proper shipping name Not Restricted

14.3 Transport hazard class(es)

14.4 Packing group

Tunnel Code

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GHS: According to 2015/830/EU

Code Number EOCINLO Version 2 Revised 7/04/2017 9:50:59 AM

14.5 Environmental HazardsNo relevant information available14.6 Special precautions for user

No relevant information available

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

Poisons Schedule: S6 POISON

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

Section 16. Other information

Full list of precautionary phrases

| I | 51 |
|-----------|---|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignnition 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 |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P305 | IF IN EYES: |
| 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. |
| P351 | Rinse cautiously with water for several minutes. |
| P362+P364 | Take off all contaminated clothing and wash it before reuse. |
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Printed on Thursday, 13 April 2017

GHS: According to 2015/830/EU

Code Number EOCINLO Version 2 Revised 7/04/2017 9:50:59 AM

| | 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 haza | rd 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 | | |
| | ATD 4 | Acute toxicity, dermal, category 4 | | |
| | ATD 5 | Acute toxicity, dermal, category 5 | | |
| | SCI 2 | Skin corrosion/irritation, category 2 | | |
| | SCI 3 | Skin corrosion/irritation, category 3 | | |
| | SS 1A | Skin sensitisation, category 1A | | |
| | SS 1B | Skin sensitisation, category 1B | | |
| | EDI 2A | Eye damage/irritation, category 2A | | |
| | ATI 4 | Acute toxicity, inhalation, category 4 | | |
| | STO-SE 3(RI) | Specific target organ, single exposure, respiratory irritation | | |
| | MUT 2 | Germ cell mutagenicity, category 2 | | |
| | CAR 1B | Carcinogenicity, category 1B | | |
| | 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 C2 | Aquatic hazard, chronic, category 2 | | |
| | Wording of any haza | rd statements listed in section 3 | | |
| | H227 | Combustible liquid | | |
| | H302 | Harmful if swallowed | | |
| | H303 | May be harmful if swallowed | | |
| | H312 | Harmful in contact with skin | | |
| | 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 | | |
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Printed on Thursday, 13 April 2017

GHS: According to 2015/830/EU

Code Number EOCINLO Version 2 Revised 7/04/2017 9:50:59 AM

| H332 | Harmful if inhaled |
|------|---|
| H335 | May cause respiratory irritation |
| H341 | Suspected of causing genetic defects % |
| H350 | May cause cancer % |
| H351 | Suspected of causing cancer % |
| H400 | Very toxic to aquatic life |
| H401 | Toxic to aquatic life |
| H402 | Harmful to aquatic life |
| H411 | Toxic to aquatic life with long lasting effects |

Page 12 of 12