

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

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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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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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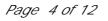
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CAS 91-64-5 EINECS 202-086-7	Coumarin	0.0200
REACH	ATO 4(500); SS 1B; EH A3 H302, H317, H402	
Refer to section 16 for	or the wording of listed classification and hazard statement codes	
Section 4. First A	id measures	
Take phrases in sections 2 into 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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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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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.

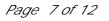
Section 9. Physical and chemical properties

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

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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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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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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

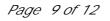
14.2 UN proper shipping name Not Restricted

14.3 Transport hazard class(es)

14.4 Packing group

Tunnel Code

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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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	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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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

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