

Infosafe No™ VAREZ Issue Date : November 2016 ISSUED by HUNTERST

Product Name **EUCALYPTUS OIL**

1. Identification

GHS Product Identifier EUCALYPTUS OIL

Company Name Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)

Address 60 Gleadow Street INVERMAY
TAS 7248 Australia

Telephone/Fax Number Tel: 03 6331 4755
Fax: 03 6334 1065

Emergency phone number 0407 610 542

Recommended use of the chemical and restrictions on use Essential oil used in cleaning. Therapeutic active and fragrance & flavour raw material.

2. Hazard Identification

GHS classification of the substance/mixture Acute Toxicity - Inhalation: Category 5
Eye Damage/Irritation: Category 2A
Flammable Liquids: Category 3

Signal Word (s) WARNING

Hazard Statement (s) H226 Flammable liquid and vapour.
H319 Causes serious eye irritation.
H333 May be harmful if inhaled.

Precautionary statement – General P102 Keep out of reach of children.
P103 Read label before use.

Pictogram (s) Flame, Exclamation mark



Precautionary statement – Prevention P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P243 Take precautionary measures against static discharge.
P264 Wash contaminated skin thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P370+P378 In case of fire: Use foam, dry powder, carbon dioxide or vapourizing liquids for extinction.

Precautionary statement – Storage P403+P235 Store in a well-ventilated place. Keep cool.

Precautionary statement – Disposal P501 Dispose of contents/container in accordance with local regulations.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Eucalyptus Oil	8000-48-4	>90%

4. First-aid measures

Inhalation Remove victim from exposure to fresh air. If not breathing, apply artificial

Infosafe No™ VAREZ	Issue Date : November 2016	ISSUED by HUNTERST
--------------------	----------------------------	--------------------

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Ingestion	respiration. If breathing is difficult, give oxygen. In severe cases obtain medical attention.
Skin	Wash out mouth thoroughly with water and give plenty of water to drink. Obtain medical attention.
Eye contact	Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use. In severe cases, obtain medical attention.
First Aid Facilities	Irrigate thoroughly with water for at least 10 minutes. If discomfort persists obtain medical attention.
Advice to Doctor	Eye wash station and normal washroom facilities.
Advice to Doctor	Treat symptomatically based on judgement of doctor and individual reactions of patient.

5. Fire-fighting measures

Suitable extinguishing media	In case of fire, appropriate extinguishing media include foam, dry powder, carbon dioxide or vapourizing liquids. Use waterfog to cool intact containers and nearby storage areas.
Hazards from Combustion Products	Flammable liquid. Incompatible with Strong oxidising agents, acids and sources of ignition. Hazardous decomposition products may include toxic hydrocarbons, Carbon monoxide and carbon dioxide if burning.
Specific hazards arising from the chemical	Product is a flammable liquid.
Hazchem Code	3[Y]

6. Accidental release measures

Emergency Procedures	Shut off all possible sources of ignition. Personnel involved in the clean up should wear full protective clothing as listed in section 8. Avoid accidents, clean up immediately. Evacuate all unnecessary personnel. Increase ventilation. Avoid walking through spilled product as it is slippery when spilt. Stop leak if safe to do so. Do NOT let product reach drains or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management. Use clean, non-sparking tools and equipment.
Methods and materials for containment and cleaning up	Soak up spilled product using absorbent non-combustible material such as sand or soil. Avoid using sawdust or cellulose. When saturated collect material, transfer to suitable, labelled, dry chemical-waste containers and dispose of promptly. Ventilate area and wash spill site after material pickup is complete.

7. Handling and storage

Precautions for Safe Handling	Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment. Avoid contact with eyes, skin and clothing. Do not inhale product vapours. Avoid prolonged or repeated exposure. Remove contaminated clothing and wash before reuse. Smoking should not be permitted in work areas. Provide adequate ventilation.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry, well-ventilated, fire-proof area. Keep containers tightly sealed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Ground and bond storage containers. Store away from incompatible materials as listed in section 10. Store away from heat and light sources, and foodstuffs. This material is a Scheduled Poison (S6) and must be stored, maintained and used in accordance with the relevant regulations. This product has a UN Classification of 1993 and a Dangerous Goods Class 3 (flammable) according to The Australian Code for the Transport of Dangerous Goods By Road and Rail.

8. Exposure controls/personal protection

Other Exposure Information	TLV-TWA: None assigned by Worksafe Australia TLV-STEL: None assigned by Worksafe Australia
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Infosafe No™ VAREZ	Issue Date : November 2016	ISSUED by HUNTERST
--------------------	----------------------------	--------------------

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Appropriate engineering controls	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. In poorly ventilated areas, mechanical explosion-proof extraction ventilation is recommended.
Personal Protective Equipment	Avoid contact with the skin and eyes. Avoid breathing the vapour. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- RESPIRATOR: Wear a respirator with suitable Type 'A' filter for organic gases and vapours if engineering controls are inadequate (AS1715/1716). EYES: Chemical goggles to prevent splashing in the eyes (AS1336/1337). HANDS: PVC or rubber gloves (AS2161). CLOTHING: Chemical-resistant coveralls and safety footwear. In laboratory situation, wear a laboratory coat (AS3765/2210). Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

9. Physical and chemical properties

Form	Liquid
Appearance	Colourless to Pale Yellow Liquid
Odour	Eucalyptus.
Boiling Point	From about 174 °C
Solubility in Water	Immiscible with water.
Specific Gravity	0.9
Vapour Pressure	No data
Flash Point	Closed Cup 43-56
Flammability	Combustible liquid, flash point about 49°C. Vapour/air mixture flammable. Vapour heavier than air, risk of remote ignition.
Flammable Limits - Lower	No data

10. Stability and reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Avoid Heat, light, open flames and other sources of ignition.
Incompatible Materials	Incompatible with Strong oxidising agents, acids and sources of ignition. Protect from air.
Hazardous Decomposition Products	Hazardous decomposition products may include toxic hydrocarbons, carbon monoxide and carbon dioxide if burning.

11. Toxicological Information

Acute Toxicity - Oral	Oral LD50 Rat: 2.48g/Kg Subcutaneous LD50 Mouse: 50mg/Kg Intramuscular LDLo G-pig: 2250mg/Kg Subcutaneous LDLo Dog: 1500mg/Kg
Ingestion	Harmful : may cause lung damage if swallowed. Harmful if ingested in quantity, causing internal irritation, nausea and vomiting, dizziness and muscular weakness, rapid pulse and difficulty in breathing. In severe cases delirium and convulsions may occur.
Inhalation	Potential irritant. Over-exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing.
Skin	Irritating to skin. May cause sensitization by skin contact.
Eye	Irritating to eyes.
Chronic Effects	Repeated and prolonged skin contact with the concentrate may lead to dermatitic effects.

Infosafe No™ VAREZ Issue Date : November 2016 ISSUED by HUNTERST
Product Name **EUCALYPTUS OIL**

12. Ecological information

Ecotoxicity No ecological information available for this product.
Persistence and degradability No information available on persistence/degradability for this product.
Mobility No information available on mobility for this product. Practically insoluble.
Environmental Protection Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.
Special precautions for landfill or incineration Technical Manager (03) 6431 9627

14. Transport information

Transport Information Classified as a Class 3 Dangerous Good. Dangerous Goods of Class 3 Flammable Liquids, are incompatible in a placard load with any of the following: - Class 1, Class 2.1, if both the Class 3 and Class 2.1, dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane and Class 7.
U.N. Number 1993
UN proper shipping name FLAMMABLE LIQUID, N.O.S.
Transport hazard class(es) 3
Hazchem Code 3[Y]
Packing Group III
EPG Number 3A1
IERG Number 14

15. Regulatory information

Poisons Schedule S6
AICS (Australia) All components listed.

16. Other Information

Date of preparation or last revision of SDS 15/11/2016
Literature References Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons
Australian Code for the Transport of Dangerous Goods by Road & Rail
Globally Harmonised System of classification and labelling of chemicals
Signature of Preparer/Data Service Technical Manager
Tel. 0407 610 542
Technical Contact Numbers Emergency Advice All Hours:
Technical Manager: 0407 610 542 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs
Transport/Fire Emergency: 000 (Emergency services)
Other Information This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the

Infosafe No™ VAREZ	Issue Date : November 2016	ISSUED by HUNTERST
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Product Name **EUCALYPTUS OIL**

technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.

...End Of MSDS...

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