

Safety Data Sheet

ISSUE DATE: 05/09/2024

EUCALYPTUS OIL

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1. Identification

GHS Product identifier	Eucalyptus Oil
Company Name	Blue Lion Supplies Pty. Ltd.
Address	Fact. 3, 29 Barry Street, BAYSWATER, VIC 3153
Telephone	(03) 9738 3900
Contact	Leigh Gillman
Recommended use of the chemical and restrictions	Commercial use. Antiseptic, aches & pains. Spot & stain remover, general cleaner.
Other Names	Essential oil of eucalyptus
Other Information	Emergency contact: Mobile: 0447 719 987

2. Hazard Identification

GHS classification of the substance/mixture	Flammable liquids Category 2
	Skin irritation Category 2
	Eye irritation Category 2B
Signal Word (s)	DANGER
Hazard Statement(s)	H226 Flammable liquid and vapour
	H315 + H320 Causes skin and eye irritation
Risk Phrases	R11 Highly Flammable.



Pictogram (s) GHS02

Precautionary statement - P234 Keep only in original container.

Prevention P102 Keep out of reach of children
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.

Response P301 + P303 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P370 + P378 In case of fire, use carbon dioxide, dry chemical, foam. Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal foam can be used.

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

Disposal P501 Dispose of contents/ container to an approved waste disposal plant

3. Composition/information on ingredients

Chemical Characterization	Ethanol solution				
Hazardous ingredients	Name	CAS no.	Proportion	Hazard symbol	Risk phrase
	Eucalyptus Oil	8000-48-4	100%	Xi	R36/38

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4. First-aid measures

Ingestion:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Skin:	Irritation is unlikely. Wash off with soap and plenty of water. Consult a physician.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation	First Aid is not generally required. If patient shows signs of distress, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
First Aid Facilities	Maintain eyewash fountain and safety shower in work area.
Advice to Doctor	Treat symptomatically. Consult Poisons Information Centre
Other Information	For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26 and New Zealand 0800 764 766) or a doctor.

5. Fire-fighting measures

Suitable extinguishing media	Use extinguishing media most appropriate for the surrounding fire. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. If safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until well after the fire is out.
Specific hazards arising from the chemical	Highly Flammable. Vapour is heavier than air and may form explosive mixtures with air. Contact with an ignition source may cause flashback along the vapour trail. Contact with oxidising agents may result in fire and the emission of carbon monoxide, carbon dioxide and other products of combustion.
Precautions in connection with fire	Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection. Structural firefighter's uniform is NOT effective for these materials.

6. Accidental release measures

Personal Precautions	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.
Personal Protection	Wear protective clothing specified for normal operations (see Section 8)
Clean-up Methods- Small Spillages	Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section13).
Clean-up Methods- Large Spillages	Seek expert advice on handling and disposal.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

7. Handling and storage

Precautions for Safe Handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of Electrostatic charge.
Conditions for safe storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in fireproof place.
Incompatible products	Strong bases. Strong acids.
Incompatible materials	Alkali metals, Ammonia, Oxidizing agents, Peroxides
Packaging materials	SUITABLE MATERIAL: stainless steel. aluminium. iron. copper. nickel. synthetic material. glass.

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8. Exposure controls/personal protection

National occupational exposure limits:	No limit assigned
Engineering controls:	Natural ventilation should be adequate under normal use conditions.
Personal protection equipment:	Not normally required. Product is intended for application to skin.

9. Physical and chemical properties

Form	Liquid / colourless to light yellow
Solubility	insoluble in water
Odour	Eucalyptus
Melting Point	- 9 °C
Boiling Point	155 -176 °C
Flash point	49 °C - closed cup
Vapour Pressure	N/A
Specific Gravity	0.906 to 0.926
pH	Not available
Flammability	Not available

10. Stability and reactivity

Chemical Stability	Stable under normal use conditions. Hygroscopic
Conditions to Avoid	Heat, flames and sparks. Extremes of temperature and direct sunlight.
Incompatible Materials	Class 1 – Explosives Class 2.3 – Toxic Gas Class 4.2 – Spontaneously combustible Class 5 – Oxidizing substances; Organic peroxides Class 7 – Radioactive material
Hazardous decomposition products:	Carbon monoxide and carbon dioxide from combustion
Hazardous reactions:	No information available.

11. Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation:	May cause discomfort to hypersensitive individuals.
Skin contact:	Prolonged excessive contact may irritate skin.
Eye contact:	Likely to cause stinging and irritation.
Ingestion:	Toxic if large amounts ingested.
Comments:	Product is designed for regular use by consumers. Under normal conditions of use, it does not represent a major health hazard. Treat symptomatically.

Acute toxicity / Chronic toxicity: LD50 (rats - oral): 2480mg/Kg - No chronic toxicity effects known.

12. Ecological information

This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.

13. Disposal considerations

Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For large quantities, if recycling or reclaiming is not possible, contact your local waste disposal authority for advice.

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14. Transport information

Dangerous according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.

UN Number: 1993, FLAMMABLE LIQUID, N.O.S. (Eucalyptus oil).

Hazchem Code: •3Y

Special Provisions: 223, 274

Limited quantities: ADG 7 specifies a Limited Quantity value of 5 L for this class of product.

Dangerous Goods Class: Class 3: Flammable liquids.

Packaging Group: III

Packaging Method: P001, IBC03, LP01

Road and Rail Transport: Classified as Class 3 by the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail. Must not be transported with incompatible materials described in section 10.

Marine Transport: Dangerous Goods Class 3 by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. Must be kept separated from incompatible materials described in section 10.

Air Transport: UN number: 1993. Classified as Class 3 by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. Must comply with packing instruction 309.

15. Regulatory information

Poisons Schedule (Aust): Schedule 6. Scheduled as a Poison by the SUSMP

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS). Refer to section 2 and 14 for further regulatory information.

16. Other Information

Date of preparation or last revision of SDS 13/02/2023

References

National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007.

'Labelling of Hazardous Workplace Chemicals, Code of Practice' Safe Work Australia.

Safe Work Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)]'.

Safe Work Australia, 'Hazardous Substances Information System, 2005'.

Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances (2011)'.

Empirical Formula & Structural Formula

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS.