

G Baldwin & Co

SAFETY DATA SHEET
TRADE NAME: LEMON MYRTLE OIL AUSTRALIA

REVISION: 08.12.2020

1 Identification of the Substance/Mixture and of the Company/Undertaking

1.1	Trade Name	LEMON MYRTLE OIL AUSTRALIA
	INCI Name	BACKHOUSIA CITRIODORA LEAF OIL
	CAS Number	84775-80-4
	EC Number	283-909-7
1.2	Details of the Supplier of the Safety Data Sheet	G. Baldwin & Co. Ltd, 171-173 Walworth Road, London, SE17 1RW. TEL: 02077035550 EMAIL: sales@baldwins.co.uk

2 Hazards Identification

2.1	Classification of the Substance or Mixture	Classification (EU 1272/2008)	H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. H315 Causes skin irritation.
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2.2 Label Elements:

Labelling According to Regulation (EC) No. 1272/2008:

Hazard Pictograms:



Signal Word	WARNING
Contains	Citral Geraniol

Hazard Statements:

H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H315	Causes skin irritation.

Precautionary Statements:

P264	Wash contaminated skin thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face 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.
P337+P313	If eye irritation persists: Get medical advice/attention.

Supplementary Precautionary Statements:

P261	Avoid breathing vapour/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P321	Specific treatment (See medical advice on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.

P333+P313	If skin irritation occurs or rash: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash before reuse.
P501	Dispose of contents/container in accordance with national regulations.

3 **Composition/Information on Ingredients**

3.1 Information on Ingredients:

Botanical Origin	Obtained by steam distillation from the leaves and twigs of <i>Backhousia citriodora</i> .
Harmonised Customs Tariff Number	3301.29
IFRA Application	Fragrances, Flavours and Cosmetics.
CAS Number	84775-80-4
EC Number	283-909-7
INCI Name	BACKHOUSIA CITRIODORA LEAF OIL

3.2 Contains:

INCI	Quantity	CAS	EC	Classification
Citral	60.0-100.0%	5392-40-5	226-394-6	Skin Irrit. 2 – H315; Skin Sens. 1 – H317; Eye Irrit. 2 – H319
Geraniol	1.0-5.0%	106-24-1	203-377-1	Skin Irrit. 2 – H315; Eye Dam. 1 – H318; Skin Sens. 1 – H317

4 **First Aid Measures**

4.1	Inhalation	Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.
4.2	Eye Contact	Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.
4.3	Skin Contact	Remove contaminated clothes. Wash thoroughly with soap and water, flush with plenty of water. If irritation persists, seek medical advice.
4.4	Ingestion	Rinse mouth out with water. Seek medical advice immediately.

5 **Fire-fighting Measures**

5.1	Extinguishing Media	Use CO2, dry powder or foam type of extinguishers, spraying extinguishing media to base of flames. Do not use a direct water jet on burning material.
5.2	Special Measures	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus and protective clothing.
5.3	Extinguishing Procedures	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

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6 Accidental Release Measures

6.1	Personal Precautions	Avoid inhalation and direct contact with skin and eyes. Use individual protective equipment (safety glasses, waterproof boots, suitable protective clothing) in case of major spillages.
6.2	Environment Precautions	Keep away from drains, soils, surface and ground waters.
6.3	Cleaning Up Methods for Spillages	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, or sweep up and remove to an approved disposal container. Observe state, federal and local disposal regulations.

7 Handling and Storage

7.1	Precautions in Handling	Apply good manufacturing practice and industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
7.2	Storage Conditions and Transport	Store in tightly closed original container, in a cool, dry and ventilated area away from heat sources and protected from light. Keep air contact to a minimum. May be Air Freighted.
7.3	Fire Protection	Keep away from ignition sources and naked flames. Take precautions to avoid static discharges in working area.

8 Exposure Controls/Personal Protection

8.1 Exposure Controls:

Respiratory Protection Avoid breathing product vapour or mist. Apply local ventilation where possible.

Ventilation	Ensure good ventilation of working area to avoid breathing vapour.
Hand Protection	Avoid all skin contact. Use chemically resistant gloves if required.
Eye Protection	Wear safety glasses.
Work/Hygiene Practices	Wash hands with soap and water after handling.

9 Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties:

Colour	Clear straw-coloured liquid.
Appearance	Clear mobile liquid.
Odour	Strong Lemon/Lime/Lemongrass/Citrus aroma.
Flavour	Strong Lemon/Lime/Lemongrass/Citrus.
Flash Point	99°C
Relative Density	0.880 to 0.910
Optical Rotation @ 20°C	-1.5 to +1.5
Refractive Index @ 20°C	1.4840 to 1.4910
Solubility in 85% Ethanol @ 20°C	Soluble 1 + 2.5 max.
Solubility in Vegetable Oils	Not available.
Solubility in Water	<1%, 1.7 volumes in 70% ethanol.

9.2 Additional Data:

Typical Analysis by GC/MS	Citral (Neral) 40-50% Citral (Geraniol) 45-55% Citronellal 0.1-1.0% Linalool Trace-1.0% Methyl heptonone Trace-3.6% Myrcene Trace-0.5%
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10 Stability and Reactivity

10.1	Reactivity	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali, or oxidising agents.
10.2	Decomposition	Liable to cause smoke and acrid fumes during combustion: Carbon monoxide, Carbon dioxide, and other non-identified organic compounds may be formed.

11 Toxicological Information

11.1	Information on Toxicological Effects	Citral is considered to be non-toxic but can give rise to an increase in ocular tension and therefore should be avoided by people who suffer from glaucoma.
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12 Ecological Information

12.1	Biodegradability	No data available.
12.2	Aquatic Toxicity	No data available.
12.3	Precautions	Prevent surface contamination of soil, ground and surface water.

13 Disposal Considerations

13.1	Waste Treatment Methods	Avoid disposing to drainage systems and into the environment. Seek expert advice.
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14 Transport Information

14.1	UN Number	Not regulated.
14.2	UN Proper Shipping Name	Not regulated.
14.3	Transport Hazard Class(es)	Not regulated.
14.4	Packing Group	Not regulated.
	Tunnel Code	Not regulated.
14.5	Harmonised Customs Tariff Code	3301.29
14.6	Environmental Hazards	No relevant information available.
14.7	Special Precautions for User	No relevant information available.
14.8	Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15 Other Information

WARNING/DISCLAIMER:

The information in the Safety Data Sheet is based on the properties of the material known to G. Baldwin & Co Ltd. at the time the data sheet was issued. The Safety Data Sheet is intended to provide information for a health and safety assessment of the material and the circumstances under which it is packaged, stored or applied in the workplace. For such a safety assessment, G. Baldwin & Co. Ltd, hold no responsibility. This document is not intended for quality assurance purposes.