



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1: Identification

Item	Details
Product Name	Lemon Myrtle Essential Oil
Synonyms	Lemon Myrtle Oil
Botanical Name	<i>Backhousia citriodora</i> F.Muell.
INCI Name	Backhousia Citriodora Leaf Oil
CAS Number	84775-80-4
EC Number	283-656-2
Plant Part	Leaves
Extraction Method	Steam Distillation
Country of Origin	Australia
Product Type	Natural Essential Oil
Recommended Use	Professional perfumery, cosmetics, aromatherapy and fragrance manufacture
Uses Advised Against	Internal consumption, vaping, smoking or undiluted skin application

Lemon Myrtle Essential Oil is obtained by steam distillation of the leaves of *Backhousia citriodora*. It is renowned for its exceptionally high natural citral content, giving an intense fresh lemon aroma. (newdirections.com.au)

SUPPLIER DETAILS

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

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Email: info@aromology.com

Telephone: +971 505197601

SECTION 2: HAZARD IDENTIFICATION

GHS / CLP CLASSIFICATION



Hazard Class	Classification
Flammable Liquid	Category 3
Acute Oral Toxicity	Category 5
Skin Irritation	Category 2
Skin Sensitisation	Category 1
Eye Irritation	Category 2
Aspiration Hazard	Category 1
Aquatic Chronic Toxicity	Category 2

Representative hazard classification is based on published Safety Data Sheets for Lemon Myrtle Essential Oil. (newdirections.com.au)

Signal Word

DANGER

Hazard Statements

- H226: Flammable liquid and vapour.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements

- Keep away from heat, sparks and open flames.
- Avoid breathing vapours.
- Wear suitable protective gloves and eye protection.
- Avoid release into the environment.
- IF SWALLOWED: Immediately call a poison centre or physician. Do **not** induce vomiting.
- IF ON SKIN: Wash thoroughly with soap and water.
- IF IN EYES: Rinse cautiously with water for several minutes.
- Dispose of contents and container according to local regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Content
Lemon Myrtle Essential Oil (<i>Backhousia citriodora</i>)	84775-80-4	Approximately 100%



REPRESENTATIVE NATURAL CONSTITUENTS

- Geranial (Cital A)
- Neral (Cital B)
- Myrcene
- Linalool
- Citronellal
- Geraniol
- Limonene

Cital (geranial + neral) typically comprises more than 90% of high-quality Lemon Myrtle Essential Oil, although natural variation occurs. (essentiallyaustralia.com.au)

SECTION 4: FIRST-AID MEASURES

Inhalation

Move the exposed person to fresh air. Obtain medical attention if symptoms persist.

Skin Contact

Wash thoroughly with soap and water. Remove contaminated clothing. Seek medical advice if irritation or sensitisation develops.

Eye Contact

Flush immediately with clean water for at least 15 minutes. Remove contact lenses if present. Obtain medical attention if irritation persists.

Ingestion

Do **not** induce vomiting because of the aspiration hazard. Immediately obtain medical attention.

Most Important Symptoms

- Skin irritation
 - Allergic skin reaction
 - Eye irritation
 - Aspiration hazard
 - Gastrointestinal discomfort
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SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Water fog

Unsuitable Media

High-pressure water jet.

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating organic vapours

Protective Equipment

Self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Eliminate ignition sources.
 - Wear suitable PPE.
 - Prevent entry into drains and waterways.
 - Absorb with sand or inert absorbent.
 - Dispose according to local regulations.
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SECTION 7: HANDLING AND STORAGE

Handling

- Use only in well-ventilated areas.
- Avoid prolonged skin and eye contact.
- Avoid breathing concentrated vapours.
- Observe good industrial hygiene practices.



Storage

Store:

- In tightly closed original containers.
- In a cool, dry and well-ventilated place.
- Away from sunlight and ignition sources.
- Away from oxidising materials.
- Out of reach of children.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Protection	Recommendation
Eye Protection	Chemical safety goggles
Hand Protection	Nitrile gloves
Skin Protection	Protective clothing
Respiratory Protection	Organic vapour respirator where ventilation is inadequate

No occupational exposure limits have been established specifically for Lemon Myrtle Essential Oil.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Value
Appearance	Clear colourless to pale yellow liquid
Odour	Strong fresh lemon, citrus, sweet
Relative Density (20 °C)	0.885–0.905
Refractive Index (20 °C)	1.485–1.495
Optical Rotation	-5 ° to +5 °
Flash Point	74–80 °C
Solubility	Insoluble in water; soluble in ethanol
Physical State	Liquid

Representative physical properties are based on published supplier specifications.
(essentiallyaustralia.com.au)

SECTION 10: STABILITY AND REACTIVITY

- Stable under recommended storage conditions.
- Avoid excessive heat and direct sunlight.
- Avoid strong oxidising agents.



- Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:

- Skin
- Eyes
- Inhalation
- Ingestion

Potential effects include:

- Skin irritation.
- Skin sensitisation.
- Eye irritation.
- Aspiration hazard if swallowed.
- Respiratory irritation from prolonged exposure to concentrated vapours.

SECTION 12: ECOLOGICAL INFORMATION

- Toxic to aquatic organisms with long-lasting effects.
- Avoid uncontrolled environmental release.
- Poor water solubility.
- Naturally biodegradable under environmental conditions.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents and contaminated packaging through an authorised waste disposal contractor.

Do not discharge into drains, waterways or soil.

SECTION 14: TRANSPORT INFORMATION

Item	Representative Information
UN Number	Refer to current supplier SDS
Transport Classification	Refer to current supplier SDS
Packing Group	Refer to current supplier SDS
Marine Pollutant	Refer to current supplier SDS

Transport classification should always be verified using the manufacturer's current Safety Data Sheet. (newdirections.com.au)



SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EU) 2020/878
- Regulation (EC) No. 1223/2009
- United Nations Globally Harmonized System (GHS)

SECTION 16: OTHER INFORMATION

Item	Details
Document Type	Material Safety Data Sheet (MSDS)
Version	1.0
Issue Date	20 July 2026

Disclaimer

This MSDS provides representative safety information for Lemon Myrtle Essential Oil.

As a natural essential oil, composition and physical characteristics vary according to botanical origin, harvest season and distillation conditions. The original manufacturer's current Safety Data Sheet and Certificate of Analysis shall always take precedence.

This material is intended exclusively for professional perfumery and cosmetic manufacture. It is not intended for internal consumption and should be stored securely out of the reach of children.

Authorised by:

Fozia Khot
Director