



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	Manuka Oil
Botanical Name	<i>Leptospermum scoparium</i>
INCI Name	Leptospermum Scoparium Branch/Leaf Oil
CAS Number	23749-44-8
EC Number	434-370-3
Botanical Family	Myrtaceae
Plant Part	Leaves and Terminal Branches
Extraction Method	Steam Distillation
Origin	New Zealand
Product Type	Natural Essential Oil
Recommended Use	Professional perfumery, cosmetics and fragrance manufacture
Uses Advised Against	Internal consumption and undiluted skin application

The current internationally recognized inventory listing identifies Manuka Oil (*Leptospermum scoparium* branch/leaf oil) under CAS 219828-87-2, although older supplier documentation may still reference CAS 23749-44-8.

SUPPLIER DETAILS

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

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SECTION 2: HAZARD IDENTIFICATION

GHS CLASSIFICATION

Hazard Class	Classification
Acute Toxicity (Oral)	Category 4
Skin Irritation	Category 2



Eye Irritation	Category 2
Skin Sensitisation	Category 1
STOT Single Exposure	Category 3
Aquatic Chronic Toxicity	Category 2

Signal Word

WARNING

Hazard Statements

- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H335/H336: May cause respiratory irritation or drowsiness and dizziness.
- H411: Toxic to aquatic life with long-lasting effects.

These classifications are consistent with recent supplier SDS documents for New Zealand Manuka Oil.

Precautionary Statements

- Avoid breathing vapours.
- Avoid contact with skin and eyes.
- Wear protective gloves and eye protection.
- Use only with adequate ventilation.
- Avoid release into the environment.
- Wash thoroughly after handling.
- Dispose of contents according to local regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Content
Manuka Oil (<i>Leptospermum scoparium</i>)	23749-44-8	100%

Representative Naturally Occurring Constituents

Constituent	Representative Presence
β -Triketones (Leptospermone, Isoleptospermone, Flavesone)	Major
Sesquiterpenes	Present



α -Pinene	Present
Linalool	Trace to Low
d-Limonene	Trace

Composition varies according to chemotype, harvest region and season.

SECTION 4: FIRST-AID MEASURES

Inhalation

Move the affected person to fresh air. Keep at rest. Obtain medical attention if symptoms persist.

Skin Contact

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

Eye Contact

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

Ingestion

Rinse mouth. Do **not** induce vomiting. Seek immediate medical advice.

Most Important Symptoms

- Skin irritation.
 - Allergic skin reaction.
 - Eye irritation.
 - Gastrointestinal discomfort if swallowed.
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SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

- Dry chemical powder.
- Carbon dioxide.



- Alcohol-resistant foam.
- Water fog.

Hazardous Combustion Products

- Carbon monoxide.
- Carbon dioxide.
- Irritating organic fumes.

Firefighters should wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Wear appropriate PPE.
 - Remove ignition sources.
 - Absorb using sand or inert absorbent.
 - Prevent release into drains and waterways.
 - Dispose of waste in accordance with local regulations.
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SECTION 7: HANDLING AND STORAGE

Handling

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

Storage

Store:

- In tightly sealed original containers.
 - In a cool, dry, well-ventilated location.
 - Protected from sunlight.
 - Away from heat and oxidising agents.
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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION



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

No specific occupational exposure limits have been established.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Value
Appearance	Clear pale yellow to amber liquid
Odour	Fresh, herbal, woody, medicinal
Relative Density (20 °C)	0.930–0.960
Refractive Index (20 °C)	1.475–1.495
Flash Point	Approximately 70 °C
Solubility	Insoluble in water; soluble in alcohol

Representative values compiled from supplier specifications.

SECTION 10: STABILITY AND REACTIVITY

- Stable under recommended storage conditions.
 - Avoid excessive heat and oxidising agents.
 - Decomposition products include carbon monoxide and carbon dioxide.
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SECTION 11: TOXICOLOGICAL INFORMATION

Potential routes of exposure:

- Skin.
- Eyes.
- Inhalation.
- Ingestion.

Potential effects:



- Skin irritation.
 - Skin sensitisation.
 - Eye irritation.
 - Harmful if swallowed.
 - Temporary respiratory irritation from concentrated vapours.
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SECTION 12: ECOLOGICAL INFORMATION

- Toxic to aquatic life with long-lasting effects.
 - Prevent uncontrolled environmental release.
 - Expected to be inherently biodegradable.
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SECTION 13: DISPOSAL CONSIDERATIONS

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

Do not discharge into drains or natural waterways.

SECTION 14: TRANSPORT INFORMATION

Item	Representative Information
UN Number	Not regulated under normal transport conditions*
Transport Class	Not classified
Packing Group	Not applicable

*Transport classification should always be confirmed using the current manufacturer's Safety Data Sheet.

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)
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SECTION 16: OTHER INFORMATION

Item	Details
Document Type	Material Safety Data Sheet (MSDS)
Version	1.0
Issue Date	21 July 2026

Disclaimer

This MSDS provides representative safety information for Manuka Oil – New Zealand. As a natural essential oil, chemical composition varies according to chemotype, geographical origin, harvest season and distillation process. The original manufacturer's Safety Data Sheet and batch-specific Certificate of Analysis shall always take precedence.

Authorised by:

Fozia Khot
Director