



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

Product Name: Buchu Essential Oil

Alternative Names: Buchu Leaf Oil, Buchu Oil

Botanical Name: *Agathosma betulina* (P.J. Bergius) Pillans

INCI Name: Barosma Betulina Leaf Oil

CAS Number: 68650-46-4

EC Number: 283-474-3

Product Type: Natural Essential Oil

Plant Part: Leaves

Extraction Method: Steam Distillation

Origin: South Africa

Grade: Premium Perfumery Grade

Recommended Use: Professional perfumery, cosmetic and fragrance raw material.

Supplier

Aromology Trading LLC

G05 Al Ghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

Telephone: +971 505197601

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

- Flammable Liquid – Category 3
- Aspiration Hazard – Category 1
- Skin Irritation – Category 2
- Skin Sensitisation – Category 1
- Eye Irritation – Category 2A
- Hazardous to the Aquatic Environment (Chronic) – Category 2

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

- P210 Keep away from heat, sparks and open flames.
- P261 Avoid breathing vapours.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or physician.
- P331 Do not induce vomiting.
- P302+P352 IF ON SKIN: Wash thoroughly with soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P391 Collect spillage.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Buchu Essential Oil
Botanical Name	<i>Agathosma betulina</i>
INCI Name	Barosma Betulina Leaf Oil
CAS Number	68650-46-4
EC Number	283-474-3
Purity	100% Natural Essential Oil

Typical Naturally Occurring Constituents

- d,l-Isomenthone
- d-Limonene
- Diosphenol (2-Hydroxypiperitone)
- p-Menthan-3-one
- Pulegone



- Pseudo-diosphenol
- Isopulegone
- 1,8-Cineole
- α -Pinene
- Sabinene
- Myrcene

SECTION 4 – FIRST AID MEASURES

Inhalation: Move exposed person to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Remove contaminated clothing. Wash thoroughly with soap and water.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: Do not induce vomiting. Obtain immediate medical attention due to aspiration hazard.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

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

Hazardous Combustion Products

Carbon monoxide, carbon dioxide and irritating organic vapours.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment.

Prevent entry into drains and waterways.



Absorb with inert absorbent material and transfer into suitable disposal containers.

SECTION 7 – HANDLING AND STORAGE

Use only in well-ventilated areas.

Avoid prolonged contact with skin and eyes.

Keep container tightly closed.

Store away from direct sunlight, heat and oxidising agents.

Recommended Storage Temperature: 5–20 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical safety goggles
 - Nitrile gloves
 - Protective clothing
 - Local exhaust ventilation
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Mobile liquid
Colour	Light Yellow to Brownish Yellow
Odour	Fresh, herbaceous, minty, blackcurrant-like, fruity
Relative Density (20 °C)	0.910–0.923
Refractive Index (20 °C)	1.460–1.485
Flash Point	Approximately 64 °C
Solubility in Water	Insoluble
Solubility	Soluble in ethanol and perfumery solvents

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.



Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames
- Prolonged exposure to air

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

May cause skin irritation and allergic skin reactions.

Aspiration hazard if swallowed.

Contains naturally occurring pulegone and terpene constituents which should be considered during formulation and handling.

SECTION 12 – ECOLOGICAL INFORMATION

Toxic to aquatic organisms with long lasting effects.

Avoid uncontrolled release into the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose through an authorised waste contractor in accordance with applicable local regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	UN1169
Proper Shipping Name	Extracts, Aromatic, Liquid
ADR/RID	Class 3
IMDG	Class 3



IATA

Packing Group

Class 3

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SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
 - OSHA Hazard Communication Standard (29 CFR 1910.1200)
 - Regulation (EC) No. 1907/2006 (REACH)
 - Regulation (EU) 2020/878
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SECTION 16 – OTHER INFORMATION

Buchu Essential Oil is obtained by steam distillation of the leaves of *Agathosma betulina*. It possesses an intensely herbaceous, minty, fruity and blackcurrant-like aroma and is prized in fine fragrance for green, cassis and aromatic accords. The oil naturally contains compounds such as isomenthone, diosphenol, limonene and pulegone, which contribute to its characteristic odour profile.

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