



SAFETY DATA SHEET (MSDS)

Boronia Absolute – *Boronia megastigma*

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Product Name:

Boronia Absolute

Botanical Name:

Boronia megastigma

INCI Name:

Boronia Megastigma Flower Oil

Recommended Use:

Aromatic ingredient for perfumery and fragrance applications.
Professional use only. Do not ingest.

Company:

Aromology

G15 Union Coop Mall
Nadd Al Hamar, Dubai, UAE

Telephone: +971 505 197 601

Website: www.aromology.com

Email: info@aromology.com

Emergency Telephone Number:

+971 505 197 601

SECTION 2: HAZARD IDENTIFICATION

GHS Classification

- Skin Sensitisation – Category 1
- Serious Eye Irritation – Category 2A
- Hazardous to the Aquatic Environment (Chronic) – Category 2

Signal Word:

Warning

Hazard Statements:

- **H317** – May cause an allergic skin reaction



- **H319** – Causes serious eye irritation
- **H411** – Toxic to aquatic life with long-lasting effects

Precautionary Statements:

- P261 Avoid breathing vapours or mist
- P272 Contaminated work clothing should not leave the workplace
- P280 Wear protective gloves/eye protection
- P302+P352 IF ON SKIN: Wash with plenty of soap and water
- P333+P313 If skin irritation or rash occurs: Get medical advice
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes
- P337+P313 If eye irritation persists: Seek medical advice
- P362+P364 Remove contaminated clothing and wash before reuse
- P273 Avoid release to the environment
- P391 Collect spillage
- P501 Dispose of contents/container in accordance with regulations

Other Hazards:

May cause skin irritation or allergy. Patch test recommended.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation:

Natural aromatic absolute.

Component CAS No. Approx. %

Boronia Oil 8053-33-6 100%

Naturally Occurring EU Allergens:

- Geraniol $\leq 0.02\%$
- Limonene $\leq 2.0\%$
- Linalool $\leq 1.0\%$

California Prop 65 (Naturally Occurring):

- Myrcene $\leq 0.8\%$



SECTION 4: FIRST-AID MEASURES

Eye Contact:

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

Skin Contact:

Wash thoroughly with soap and water. Seek medical advice if irritation develops.

Inhalation:

Move to fresh air. Obtain medical advice if symptoms occur.

Ingestion:

Rinse mouth with water or milk. Do not induce vomiting. Seek immediate medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point:

63 °C

Suitable Extinguishing Media:

Water mist, alcohol-resistant foam, CO₂, dry chemical powder.

Unsuitable Media:

Direct water jet.

Protective Equipment:

Self-contained breathing apparatus and protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid contact with skin and eyes. Use appropriate PPE.

Environmental Precautions:

Prevent release into drains, waterways, or soil.

Cleanup Methods:

Absorb with non-combustible material (sand, earth, vermiculite). Transfer to disposal containers.



SECTION 7: HANDLING AND STORAGE

Handling:

Use good industrial hygiene practices. Avoid inhalation and contact with eyes or skin. Ensure adequate ventilation.

Storage:

Store in tightly closed glass containers.
Keep away from heat, light, and ignition sources.
Store in a cool, well-ventilated area.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

No occupational exposure limits established.

Personal Protective Equipment:

- **Eyes:** Safety goggles (EN166)
 - **Hands:** Nitrile or PVA gloves (EN374)
 - **Skin:** Protective clothing
 - **Respiratory:** Not normally required; use if ventilation is inadequate
-

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Physical State:** Viscous liquid
 - **Colour:** Dark orange to brown
 - **Odour:** Green, herbaceous, floral
 - **Water Solubility:** Insoluble
 - **Alcohol Solubility:** Partially soluble
 - **Oil Solubility:** Soluble
 - **pH:** Not applicable
 - **Flash Point:** 63 °C
 - **Refractive Index (20 °C):** 1.45 – 1.52
 - **Specific Gravity (20 °C):** 0.945 – 0.965
-



SECTION 10: STABILITY AND REACTIVITY

Stability:

Stable under recommended conditions.

Reactivity:

Not reactive under normal conditions.

Incompatible Materials:

Strong oxidising agents, peroxides, strong inorganic acids, alkali metals.

Hazardous Decomposition:

Carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

- Oral LD50 (rat): >5000 mg/kg
- Dermal LD50 (rabbit): >5000 mg/kg

Effects:

- May cause skin irritation and sensitisation
- May cause eye irritation
- High vapour concentrations may cause anesthetic effects

Carcinogenicity:

Not listed by IARC, NTP, ACGIH, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity:

Toxic to aquatic life with long-lasting effects.

Persistence & Degradability:

Biodegradation expected.

Bioaccumulation:

Unlikely.

Environmental Precautions:

Avoid release to waterways.



SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents and containers according to local and national regulations.
Do not pour into drains or waterways.

SECTION 14: TRANSPORT INFORMATION

- **UN Number:** UN 3082
 - **Proper Shipping Name:** Environmentally Hazardous Substance, Liquid, N.O.S.
 - **Transport Class:** 9
 - **Packing Group:** III
 - **Marine Pollutant:** Yes
-

SECTION 15: REGULATORY INFORMATION

- **EU:** See allergens listed in Section 3
 - **USA (California Prop 65):** Contains naturally occurring listed substances
 - **Canada, Hong Kong, Singapore:** Not regulated
-

SECTION 16: OTHER INFORMATION

This MSDS provides guidance for safe handling, storage, and disposal of Boronia Absolute based on current knowledge.