



SAFETY DATA SHEET (SDS)

According to Regulation (EC) No. 1907/2006 (REACH), as amended by Regulation (EU) 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product Identifier

Product Name: Bisabolol Alpha Natural

Chemical Name: α -Bisabolol (Levomenol)

Synonyms: (-)- α -Bisabolol; Levomenol; Natural Alpha-Bisabolol

INCI Name: Bisabolol

CAS Number: 515-69-5

EC (EINECS) Number: 208-205-9

FEMA Number: 3330

Molecular Formula: C₁₅ H₂₆ O

Molecular Weight: 222.37 g/mol

Product Type: Natural Aroma Chemical

Source: Naturally isolated from *Eremanthus erythropappus* (Candeia Wood)

Country of Origin: Brazil

1.2 Relevant Identified Uses

- Fragrance ingredient
- Cosmetic ingredient
- Perfumery raw material
- Personal care formulations
- For professional use only

1.3 Supplier



Aromology Trading LLC

G05 Al Ghazal Building
Nadd Al Hamar
Dubai
United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

1.4 Emergency Telephone

Refer to the local Poison Centre or emergency medical services.

SECTION 2: HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Based on current supplier Safety Data Sheets, α -Bisabolol is classified as:

- Skin Sensitisation – Category 1 (H317)
- Hazardous to the Aquatic Environment (Chronic) – Category 2 (H411)

Signal Word

Warning

Hazard Statements

- H317 May cause an allergic skin reaction.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

P261 Avoid breathing vapours.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves and 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.

P391 Collect spillage.

P501 Dispose of contents/container in accordance with local regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Substance	α -Bisabolol (Natural)
INCI Name	Bisabolol
CAS Number	515-69-5
EC Number	208-205-9
Purity	$\geq 95\%$ Natural

Natural α -Bisabolol is a naturally occurring sesquiterpene alcohol isolated principally from Candeia Wood (*Eremanthus erythropappus*) and is also a major constituent of German Chamomile oil.

SECTION 4: FIRST AID MEASURES

Inhalation

Move the affected person to fresh air.

Seek medical attention if symptoms persist.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

If irritation or sensitisation occurs, obtain medical advice.

Eye Contact

Flush immediately with water for at least 15 minutes.

Seek medical attention if irritation persists.



Ingestion

Rinse mouth.

Do not induce vomiting.

Obtain medical advice if necessary.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:

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

Hazardous combustion products:

- Carbon monoxide
- Carbon dioxide

Firefighters should wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Provide adequate ventilation.

Prevent release into drains and waterways.

Absorb with inert absorbent material.

Dispose of according to local regulations.

SECTION 7: HANDLING AND STORAGE

Store in tightly closed original containers.



Protect from:

- Heat
- Direct sunlight
- Strong oxidising agents

Store in a cool, dry and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Provide adequate ventilation.

Eye Protection

Chemical safety goggles.

Hand Protection

Chemical-resistant gloves.

Respiratory Protection

Normally not required under recommended conditions of use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear colourless to pale yellow viscous liquid
Odour	Mild, floral, sweet, balsamic
Physical State	Liquid
Relative Density (25 °C)	0.927 – 0.935
Refractive Index (20 °C)	1.492 – 1.498
Boiling Point	Approximately 314 °C
Flash Point	>100 °C
Solubility	Insoluble in water; soluble in ethanol and fixed oils

These values are consistent with published supplier specifications.



SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat

Hazardous decomposition products:

- Carbon monoxide
 - Carbon dioxide
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SECTION 11: TOXICOLOGICAL INFORMATION

Routes of exposure:

- Skin
- Eyes
- Inhalation
- Ingestion

May cause:

- Allergic skin reaction.
- Mild eye irritation upon direct contact.

Published cosmetic safety assessments conclude α -Bisabolol has low systemic toxicity and is considered safe for cosmetic use at current use levels.

SECTION 12: ECOLOGICAL INFORMATION

Toxic to aquatic life with long lasting effects.

Avoid uncontrolled release into the environment.



SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents and packaging according to applicable local, regional and national regulations.

SECTION 14: TRANSPORT INFORMATION

UN Number: UN 3082

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S. (α -Bisabolol)

ADR/RID: Class 9

IMDG: Class 9

IATA: Class 9

Packing Group: III

SECTION 15: REGULATORY INFORMATION

Chemical Name: α -Bisabolol (Levomenol)

INCI Name: Bisabolol

CAS Number: 515-69-5

EC Number: 208-205-9

FEMA Number: 3330

Intended Use: Fragrance ingredient, cosmetic ingredient and perfumery raw material.

SECTION 16: OTHER INFORMATION

This Safety Data Sheet has been prepared using verified supplier Safety Data Sheets and published regulatory information for Natural α -Bisabolol (Levomenol).

**Verified identifiers:**

- **CAS Number:** 515-69-5
- **EC (EINECS):** 208-205-9

Natural α -Bisabolol is a naturally occurring monocyclic sesquiterpene alcohol obtained primarily from **Candeia Wood** (*Eremanthus erythropappus*). It is highly valued in perfumery and cosmetic formulations for its mild floral aroma, excellent stability, skin-conditioning properties and anti-inflammatory activity.

Authorized by

Fozia Khot
Director
Aromology Trading LLC