



Shay and Company  
10639 SE Fuller Rd  
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Ph: 503-653-1155  
info@shayandcompany.com

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# SAFETY DATA SHEET

Version: 1.0

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## 1. Product and Company Identification:

**Product:** Alpha-Bisabolol

**Item Code:** 90089

**Distributor:** Shay and Company

## 2. Hazard Identification:

### 2.1 Classification of the Substance or Mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

H412 - Harmful to aquatic life with long lasting effects

### 2.2 Label Elements: Labeling according to Regulation (EC) No 1272/2008

Signal word: Not required

Pictograms: Not required

H412 - Harmful to aquatic life with long lasting effects

### Precautionary Statements

P273 - Avoid release to environment

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

## 3. Composition/Information on Ingredients:

**Ingredient Deck:** Alpha-Bisabolol

**CAS no:** 23089-26-1

**Hazardous Ingredient/s:** n/a

## 4. First Aid Measures:

**Inhalation:** Remove to fresh air; seek medical attention if irritation persists.

**Eyes:** Flush immediately with plenty of water; seek medical attention if irritation persists.

**Skin:** Wash with soap and water, seek medical attention if irritation develops or persists.

**Ingestion:** Do not induce vomiting; drink 2-3 glasses of water, contact physician for further treatment.



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## 5. Fire Fighting Measures:

**Suitable Extinguishers:** Dry chemical, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>), water spray.

**Extinguishers Not to be Used:** none

**Hazardous Decomposition Products:** none

**Special Fire Fighting Procedures:** Do not allow run-off from firefighting to enter drains or water courses

## 6. Accidental Release Measures:

**Personal Precautions:** none

**Environmental Precautions:** Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If product contaminates rivers and lakes or drains, inform respective authorities.

**Clean Up Procedure:** Soak up inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

## 7. Handling and Storage:

**Handling Precautions:** Do not breathe vapors/dust. Avoid exposure – obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see Section 8. Smoking, eating, and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

**Storage Requirements:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations/working materials must comply with the technological safety standards. Store at ambient temperature / 10 – 30°C (50 – 85°F). Dry, well ventilated, preferable full, hermetically sealed. Protect against light.

**Temp. Max:** n/a

**Temp. Min:** n/a

## 8. Exposure Controls/Personal Protection:

**Occupational Exposure Limit:** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Respiratory Protection:** Use with adequate ventilation

**Eye Protection:** Wear safety glasses

**Skin Protection:** Protective clothing is not necessary

**Environmental:** Non-hazardous but avoid direct releases to the environment



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## 9. Physical and Chemical Properties:

**Description:** Clear to light yellow, oily liquid; woody, floral, fresh aroma

**Melting Point:** <-20C/-4°F

**Boiling Point:** 300.2°C/572.36°F

**Flash Point:** 143°C/289.4°F

**Solubility in Water (by weight):** 22mg/l

## 10. Stability and Reactivity:

**Condition to Avoid:** none

**Materials to Avoid:** Moisture

**Hazardous Decomposition Products:** none

**Stabilization Techniques:** none; product is stable

## 11. Toxicological Information:

**Acute Toxicity:** Oral LD50 is anticipated to be >5g/kg based on testing of similar materials

**Skin Corrosion/Skin Irritation:** Non-corrosive/HRIPT results indicate product is non-irritating

**Respiratory or Skin Sensitization:** Not expected/HRIPT results indicate product is non-sensitizing

**Serious Eye Damage/Eye Irritation:** No data available

**STOT-Single/STOT-repeated exposure:** No data available

**Carcinogenicity:** None of the components are listed as carcinogenic by IARC, NTP, OSHA, ACGIH or the EU Substances Directive (EC) No 1272/2008 for CMR, categories 1A and 1B

**Mutagenicity:** AMES test results indicate that this product is non-mutagenic

**Toxicity for reproduction:** Not expected to affect reproduction or development

## 12. Ecological Information:

### 12.1 Toxicity: No ecotoxicity data available

Acute (short-term) toxicity: N/A

Fish: N/A

Crustacea: N/A

Algae/aquatic plants: N/A

Other organisms: N/A

Chronic (long-term) toxicity: N/A

Fish: N/A



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**12.2 Persistence and Degradability:**

Biodegradability: The test substance is considered to be readily biodegradable (according to OECD criteria)

**12.3 Bio accumulative Potential:**

No data available

**12.4 Mobility in Soil:**

No data available

**12.5 Results of PBT and vPvB Assessment:**

This substance is not a PBT or a vPvB.

**12.6 Endocrine disrupting properties:**

None known

**12.7 Other Adverse Effects:**

No data available

**13. Disposal Considerations:**

**Waste Treatment Methods:**

The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways, or ditches with chemical or used container. Send to a licensed waste management company. For contaminated packaging, empty remaining contents and disposed of unused product. Do not re-use empty containers. Dispose of in accordance with local regulations.

**14. Transportation Information:**

Non-Hazardous Cargo. No special Transporting facility required.

**15. Regulatory Information:**

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**16. Other Information:**

N/A



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The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.