

## Natural Bisabolol

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 25-Oct-2024  
Supersedes: 15-Jun-2021

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Natural Bisabolol	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Bisabolol	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	23089-26-1	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available		
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

**Classification:** Chronic aquatic toxicity: Category 3  
**Labeling:** Not a dangerous substance according to GHS.  
**Hazard Pictograms:** None.  
**Hazard Statements:** H412: Harmful to aquatic life with long lasting effects.  
**Precautionary Statements:** P273: Avoid release to the environment.  
P501: Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

**Potential Health Hazards:** Eyes: Not expected to be an irritant.  
Inhalation: Not expected to be an irritant.  
Skin: Not expected to be an irritant.  
Ingestion: May cause nausea, vomiting, and diarrhea.

**NFPA Ratings (704):**

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Bisabolol	23089-26-1	100%	Not Available

### 4 FIRST AID MEASURES

**Eyes:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
**Inhalation:** Remove to fresh air.  
**Skin:** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.  
**Ingestion:** Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water.  
**Acute/Delayed Symptoms:** Asthma like and/or skin allergy-like symptoms. Treat symptomatically.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** May be combustible at high temperatures. Use appropriate media (dry chemical, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>), water spray) for surrounding environment and adjacent fire. Do not use heavy water stream as an extinguisher.

**Special protective equipment & precautions for firefighters:** Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Prevent fire extinguishing water from contaminating surface water or the ground water system.

<b>Flash Points:</b>	289.4°F (143°C) at 101 325 Pa
<b>Specific hazards arising from the chemical:</b>	Product is combustible. Vapors are heavier than air and may spread along floors. Forms explosive mixtures with air on intense heating. See also Stability and reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	Ensure adequate ventilation. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
<b>Methods and material for containment and cleaning up:</b>	Methods for Containment: Prevent further leakage or spillage if safe to do so. Methods for Cleaning Up: Absorb spillage to prevent material damage. On land, sweep or shovel into suitable containers. Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite. Wash down leftovers with plenty of water. Dispose of absorbed material in accordance with the regulations.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Ensure adequate ventilation. Use good personal hygiene and industrial hygiene practices. See section 8 for recommendations on the use of personal protective equipment.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Keep container tightly closed in a dry and well-ventilated place at ambient temperatures 50-85°F (10-30°C). Store away from incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Natural Bisabolol	Not available		

TWA: Time Weighted Average over 8 hours of work.  
TLV: Threshold Limit Value over 8 hours of work.  
REL: Recommended Exposure Limit  
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.  
IDLH: Immediately Dangerous to Life or Health  
WEEL: Workplace Environmental Exposure Levels  
CEIL: Ceiling

### Personal Protection:

<b>Eyes:</b>	Wear safety glasses.
<b>Inhalation:</b>	Ensure adequate ventilation, especially in confined areas. No additional precautions required under normal conditions of use.
<b>Body:</b>	Wear protective gloves and long-sleeved clothing.
<b>Other:</b>	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear liquid	<b>Vapor Pressure at 20°C:</b>	0.015 Pa
<b>Odor:</b>	Characteristic Sweet Floral	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	Not determined	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Colorless to light yellow	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH:</b>	No data available	<b>Flash Point:</b>	289.4°F (143°C) at 101 325 Pa
<b>Boiling Point/Range:</b>	572.36°F (300.2°C) at 101 325 Pa	<b>Specific Gravity at 25°C:</b>	0.921 - 0.929
<b>Melting/Freezing Point:</b>	<-4°F (<-20°C)	<b>Water Solubility at 20°C:</b>	Insoluble 22 mg/L
<b>Relative Density:</b>	No data available	<b>Auto-Ignition Temperature:</b>	473°F (245°C) at 101 325 Pa
<b>Partition Coefficient: n-octanol/water:</b>	Log Pow = 5.5 at 25°C, 5.9 ≤ pH ≤ 6.2, OECD 117	<b>Decomposition Temperature:</b>	No data available
<b>Dynamic Viscosity:</b>	Not determined	<b>Explosive Properties:</b>	None
<b>Oxidizing Properties:</b>	None	<b>Metal Corrosion:</b>	No data available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No specific hazard under normal conditions of use, to our knowledge. Forms explosive mixtures with air on intense heating. A range from approx. 15 Kelvin below the flash point is to be rated as critical.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Explosion Data:</b>	No known mechanical impact. No sensitivity to static discharge.
<b>Hazardous Polymerization:</b>	No data available.
<b>Conditions to Avoid:</b>	Heat, flames, sparks, and direct sunlight.
<b>Incompatible Materials:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	None under normal use conditions.
<b>Possible Hazardous Reactions:</b>	None under normal processing.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	No data available.
<b>Skin:</b>	Not irritating to skin. Not classified under toxicological effects.
<b>Eyes:</b>	Not irritating to eyes. Not classified under toxicological effects.
<b>Inhalation:</b>	Not classified under toxicological effects.
<b>Ingestion:</b>	Not classified under toxicological effects. Oral, LD50: >2000 mg/kg bw (OECD 423, Candeia Oil)
<b>Carcinogenicity:</b>	Not a carcinogen.
<b>Teratogenicity:</b>	No data available.
<b>Germ Cell Mutagenicity:</b>	Not a Mutagen.
<b>Embryotoxicity:</b>	No data available.
<b>Specific Target Organ Toxicity:</b>	No known hazard for single and repeated exposure.
<b>Reproductive Toxicity:</b>	Not a reproductive toxin.
<b>Sensitization:</b>	Not a skin sensitizer.
<b>Skin Corrosion/Irritation:</b>	Not irritating to skin.
<b>Aspiration hazard:</b>	No known hazard.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Harmful to aquatic life with long lasting effects.
<b>Aquatic Vertebrate:</b>	No data available.
<b>Aquatic Invertebrate:</b>	No data available.
<b>Terrestrial:</b>	No data available.
<b>Persistence and Degradability:</b>	Readily biodegradable.
<b>Bioaccumulative Potential:</b>	Does not bioaccumulate.
<b>Mobility in Soil:</b>	Due to its biodegradability, the mobility in soil is expected to be low.
<b>PBT and vPvB Assessment:</b>	According to the results of its assessment, this substance is not a PBT or a vPvB.
<b>Other Adverse Effects:</b>	None known.

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
<b>Product Containers:</b>	Do not re-use empty containers. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

<b>DOT (Dept. of Transportation, USA):</b>	Not regulated.
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	No data available.

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<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated.
<b>IATA (International Air Transport Association):</b>	Not regulated.
<b>ICAO (International Civil Aviation Organization):</b>	Not regulated.
<b>ADR/RID (Road and Rail Transportation):</b>	Not regulated.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	Not applicable.
<b>Canada (DSL/NDSL):</b>	Complies.
<b>EU (EINECS/ELINCS):</b>	Complies.
<b>China (IECSC):</b>	Complies.
<b>Australia (AICS):</b>	Complies.
<b>Japan (ENCS):</b>	Not applicable.
<b>Philippines (PICCS):</b>	Complies.
<b>Korea (KECL):</b>	Complies.
<b>New Zealand (NZIoC):</b>	No data available.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	25-Oct-2024
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.