Natural Bisabolol

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

Revision Date: 06-Nov-2026
Supersedes: 23-Sep-2025

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Natural Bisabolol
Synonyms: No data available
INCI Name: Bisabolol
CAS Number: 23089-26-1
Formula: No data available
Product Form: Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: **www.makingcosmetics.com**

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

Classification: Hazardous to the aquatic environment — Chronic Hazard, 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

Component	CAS No.	Weight %	Molecular Weight
Bisabolol	23089-26-1	100%	Not Available

4 FIRST AID MEASURES

Eyes: Rinse eyes with water as a precaution.
Inhalation: Remove person to fresh air and keep comfortable for breathing.
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. Call a poison center/doctor/ physician if you feel unwell.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: No direct fire or explosion hazard. Use appropriate media (water spray, dry powder, foam, carbon dioxide) 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.
Flash Points: 289.4°F (143°C) at 101 325 Pa
Specific hazards arising from the Toxic fumes may be released upon any fires. See also Stability and reactivity section.

chemical:

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Ventilate spillage area. Stop leak if safe to do so. Absorb spillage to prevent material-damage. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Absorb spilled material with sand, earth, or absorbent material. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible, without risk. Dispose of absorbed material in accordance with the regulations, at an authorized site.

7 HANDLING & STORAGE

Precautions for safe handling:	Ensure adequate ventilation. Not expected to present a significant hazard under anticipated conditions of normal use. Use good personal hygiene and industrial hygiene practices. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Keep container tightly closed in a dry and well-ventilated place. Store light protecting, at cool temperatures 50-85ºF (10-30ºC). Always store product in the same material as original container. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
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:

Eyes:	Wear safety glasses.
Inhalation:	In case of insufficient ventilation, wear suitable respiratory equipment.
Body:	Wear protective gloves and suitable protective clothing.
Other:	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

Appearance:	Clear liquid	**Vapor Pressure at 20ºC:**	0.015 Pa
Odor:	Characteristic Sweet Floral	**Vapor Density:**	No data available
Odor Threshold:	Not determined	**Evaporation Rate:**	No data available
Color:	Colorless to light yellow	**Flammability:**	No data available
Molecular Mass:	222.36 g/mol	**Upper/lower Explosive Limit:**	No data available
pH:	No data available	**Flash Point:**	289.4˚F (143˚C) at 101 325 Pa
Boiling Point/Range:	572˚F (300˚C) at 101 325 Pa	**Specific Gravity at 25ºC:**	0.921 - 0.929
Freezing Point:	<-4˚F (<-20˚C)	**Water Solubility at 20ºC:**	Insoluble 22 mg/L
Relative Density at 25˚C:	0.921 – 0.929	**Auto-Ignition Temperature:**	473˚F (245˚C) at 101 325 Pa
Partition Coefficient: n-octanol/water:	5.5 at 25˚C	**Decomposition Temperature:**	No data available
Dynamic Viscosity:	Not determined	**Explosive Properties:**	None reported
Oxidizing Properties:	None reported		

10 STABILITY AND REACTIVITY

Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.

Chemical Stability:	Stable under normal conditions.
Explosion Data:	No data available.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	None under recommended storage and handling conditions (see section 7).
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possible Hazardous Reactions:	No dangerous reactions known under normal conditions of use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified under acute toxicity for oral, dermal, or inhalation toxicity.
Skin:	None symptoms/effects under normal conditions.
Eyes:	None symptoms/effects under normal conditions.
Inhalation:	None symptoms/effects under normal conditions.
Ingestion:	None symptoms/effects under normal conditions. (Rat, Oral) LD50: >2000 mg/kg bw (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity).
Carcinogenicity:	Not classified.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not classified.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No classified under single and repeated exposure.
Reproductive Toxicity:	Not classified.
Respiratory/Skin Sensitization:	Not classified.
Skin Corrosion/Irritation:	Not classified.
Aspiration hazard:	Not classified.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Harmful to aquatic life with long lasting effects.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	(Daphnia magna [1]) EC50: 2.2 mg/l.
Algae:	(Pseudokirchneriella subcapitata [1]) EC50 72 hours, 3.8 mg/l. (Pseudokirchneriella subcapitata [2]) EC50 72 hours, 0.96 mg/l.
Persistence and Degradability:	Readily biodegradable.
Bioaccumulative Potential:	Does not bioaccumulate.
Mobility in Soil:	Due to its biodegradability, the mobility in soil is expected to be low.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	Not classified under ozone or fluorinated greenhouse gases.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	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.
Product Containers:	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

DOT (Dept. of Transportation, USA):	Not applicable.
TDG (Transportation of Dangerous Goods, Canada):	Not applicable.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.

ICAO (International Civil Aviation Organization): No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status: Not listed as active.
Canada (DSL/NDSL): No data available.
EU (EINECS/ELINCS): No data available.
China (IECSC): No data available.
Australia (AICS): No data available.
Japan (ENCS): No data available.
Philippines (PICCS): No data available.
Korea (KECL): No data available.
New Zealand (NZIoC): No data available.

16 OTHER INFORMATION

Revision Date: 06-Nov-2026
Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
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