

Tocotrienols

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

Revision Date: 24-Oct-2025
Supersedes: 02-Aug-2025

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Tocotrienols	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	RBD Palm Olein (and) Squalene (and) Tocotrienols (and) Tocopherol (and) Beta Sitosterol		
CAS Number:	93334-39-5, 111-02-4, 6829-55-6, 59-02-9, 83- 46-5	Phone / Fax:	425-292-9502 / 425-292-9601
Formula:	No data available	Web:	www.makingcosmetics.com
Product Form:	Liquid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified.		
GHS Labeling:	Product is not classified as hazardous.		
GHS Hazard Pictograms:	None		
GHS Hazard Statements:	None		
GHS Precautionary Statements:	None		
Potential Health Hazards:	Eyes: May be an irritant. Inhalation: May be an irritant. Skin: Not expected to be an irritant. Ingestion: Non-toxic, no adverse effects expected.		
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>
RBD Palm Olein	93334-39-5	40 - 50%	Not Available
Squalene	111-02-4	25 - 35%	Not Available
Tocotrienols	6829-55-6	14 - 20%	Not Available
Tocopherol	59-02-9	6 - 11%	Not Available
Beta Sitosterol	83-46-5	2 - 5%	Not Available

4 FIRST AID MEASURES

Eyes:	Eye contact may cause eye irritation. Exposure to the liquid may cause discomfort due to particulate nature. May cause physical irritation to the eyes. Flush eyes immediately with water. Any lenses need to be removed. If irritation persists, seek medical attention immediately.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, provide oxygen. If symptoms persist - seek medical attention immediately. Inhalation of the liquid may be irritating to mucous membranes and upper respiratory tract.
Skin:	Not dangerous under normal conditions. Seek medical attention if necessary.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. No adverse effects expected. If overdosed, seek medical attention immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

May be combustible at high temperature. Use appropriate media (small fires require dry chemical powder, large fires require water spray, carbon dioxide, fog, appropriate foam) for adjacent fire. Do not use direct water jet.

**Special protective equipment & precautions for firefighters:
Specific hazards arising from the chemical:**

Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Cool containers exposed to flame with water.
Stable at ambient temperature and under normal conditions of use. May emit fumes under fire conditions. Combustion is likely to give rise to a complex mixture of airborne solid and liquid particulate and gases, including but not limited to carbon monoxide. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:
Environmental precautions:**

Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.

Methods and material for containment and cleaning up:

Spills should be taken up with suitable absorbent and placed in containers. Spill area can be washed with water, collect wash water for approved waste disposal. Do not flush to storm sewer or water way. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

**Precautions for safe handling:
Conditions for safe storage, incl. any incompatibilities:**

Avoid overheating or freezing. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Keep in tightly closed containers. Store in cool dry place. Protect from exposure to moisture, heat and direct sunlight. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component
Tocotrienols

Exposure Limits
Not applicable

Basis

Entity

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 goggles.
Inhalation: Provide adequate ventilation. Wear a NIOSH approved mask or respirator.
Body: Wear protective gloves and full 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: Viscous oil suspension
Odor: Characteristic
Odor Threshold: No data available
Color: Amber oil suspension
Molecular Weight: No data available
pH: Not applicable
Boiling Point: Not applicable
Melting Point: Not applicable
Partition Coefficient: n-octanol/water: No data available

Vapor Pressure: Not applicable
Vapor Density: Not applicable
Evaporation Rate: Not applicable
Flammability: Not applicable
Upper/lower Explosive Limit: No data available
Flash Point: No data available
Specific Gravity: 0.90 - 1.0
Solubility in Water: Insoluble
Solvent Solubility: Soluble in oils/fats. Partially soluble in Alcohol

Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Viscosity:	No data available	Decomposition Temperature:	No data available
Oxidizing Properties:	No data available	Explosive Properties:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Stable under conditions of cool and dry unopened containers.
Hazardous Polymerization:	Not to be expected.
Conditions to Avoid:	No data available.
Incompatible Materials:	Strong oxidizing agents, strong acid, alkali, strong light, heat, air.
Hazardous Decomposition Products:	This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Non-hazardous. Low order of toxicity.
Eyes:	Physical form may cause irritation. Low order of toxicity.
Respiratory:	Not noted. Low order of toxicity.
Ingestion:	Not noted. Non-hazardous.
Route of Entry:	Eye contact, skin contact, inhalation, ingestion.
Carcinogenicity:	Not known.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Chronic Exposure:	Chronic effects by overexposure to this product have not been established. If any symptoms persist - please seek immediate medical attention.

12 ECOLOGICAL INFORMATION

Ecotoxicity	Not noted.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

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:	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 regulated as dangerous goods for air transport.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not regulated as dangerous goods for marine transport.

IATA (International Air Transport Association):
ICAO (International Civil Aviation Organization):
ADR/RID (Road and Rail Transportation):

Not regulated as dangerous goods for air transport.
Not regulated as dangerous goods for air transport.
Not noted.

15 REGULATORY INFORMATION

TSCA Inventory Status: No data available.
BSE/TSE Information: Product does not contain any substance or component of bovine, ovine or caprine in the composition. It also noted that throughout the manufacturing process of this raw material, no substance or reagent of bovine, ovine and caprine origin have been used. The raw material has not been exposed to risk of environmental contamination from substances of bovine, ovine or caprine origin, during the said manufacturing process.
Vegan/Vegetarian Status: Suitable for vegan/vegetarians.
Allergen Information: Free from the "8 Big" allergens - peanut, milk or milk by-product, wheat or gluten, tree nuts, soy, fish and shellfish. Remarks: The "8 Big" allergen is defined in the Food Allergy Labeling & Consumer Protection Act of 2004 (FALCPA).

16 OTHER INFORMATION

Revision Date: 24-Oct-2025
Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer: 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.