

Tribehenin

Safety Data Sheet according to Federal Register / Version 1.0
11/29/2014/ Rules and Regulation

Revision Date: 11-20-2019

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Tribehenin
Chemical name: Glyceryl tribehenate
INCI Name: Tribehenin
CAS Number: 18641-57-1
Formula: C₆₉H₁₃₄O₆
Product Form: Solid
Product Use: Cosmetic use

Distributor: MakingCosmetics.com 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

GHS Classification: Not a hazardous substance or mixture.
GHS Labeling: Not a hazardous substance or mixture.
GHS Hazard Pictograms: None
GHS Hazard Statements: None
GHS Precautionary Statements: None
Potential Health Hazards: Eyes: May be irritant.
Inhalation: Not expected to be irritant.
Skin: May be an irritant.

NFPA Ratings:

Health	1	Slight
Flammability	1	Slight
Reactivity	0	Not significant
Specific Hazard	n/a	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Propane 1,2,3-triyl tridocosanoate	18641-57-1	Not available	1059.825 g/mol

4 FIRST AID MEASURES

Eyes: Flush eyes with water for 15 minutes. Seek medical advice should irritation occur and persist.
Inhalation: Remove from area of exposure. Move person to fresh air. Seek medical attention if symptoms persist.
Skin: Take off contaminated clothing and shoes immediately. Wash off skin with soap and water. Get medical attention if irritation develops or persists.
Ingestion: If symptoms persist, call a physician or Poison Control Center immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Do not use high volume water jet.
Special protective equipment & precautions for firefighters: In the event of a fire, firefighters should wear NIOSH-approved self-contained breathing apparatus.
Flash Points: >100°C (212°F)
Specific hazards during firefighting: Do not use a solid water stream as it may scatter and spread fire. Do not allow run-off from fire fighting to enter drains or water courses. Material will float on top of water. Treat as grease fire.

Flammability: No information available.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Use personal protective equipment. Ensure adequate ventilation.
Methods and material for containment and cleaning up: Sweep up and shovel into suitable containers for disposal.

7 HANDLING & STORAGE

Precautions for safe handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene and safety practices should be followed when handling this material.
Conditions for safe storage, incl. any incompatibilities: Store in original container. Keep the container tightly closed and in a dry, well-ventilated place. No special restrictions on storage with other products.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Tribehenin	Not determined		

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: Safety glasses.
Respiratory Protection: No personal respiratory protective equipment normally required.
Body: Impervious clothing. Impervious gloves for hand protection.
Other: Handle in accordance with good industrial hygiene and safety practice.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Pastilles	Vapor Pressure:	Not available
Odor:	Characteristic	Vapor Density:	Not available
Odor Threshold:	No Data available	Evaporation Rate:	Not applicable
Color:	Off white	Flammability:	Not available
Molecular Weight:	Not available	Upper/lower Explosive Limit:	Not available
pH (3% sol. 1:1 IPA/water)	6.3	Solubility:	Insoluble in water
Boiling Point:	Not applicable	Partition coefficient (n-octanol/water)	No Data available
Melting Point:	60-65°C (140-149°F)	Specific Gravity:	0.949 g/ml <1.0
Flash Point:	>100°C (>212°F)	Relative Density:	No data available
		Thermal decomposition:	No information available
		Explosive properties:	available
		Oxidizing properties:	No data available

10 STABILITY AND REACTIVITY

Reactivity: Product is stable under normal conditions
Chemical Stability: Product is stable
Hazardous Reactions: No dangerous reactions known under conditions of normal use

Conditions to Avoid:	None known
Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition Products:	In case of fire hazardous decomposition products may be produced such as Carbon Oxides

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Acute oral toxicity (LD50) >16,000 mg/kg (rat). Low Toxicity
Skin:	Mild skin irritation
Eyes:	No eye irritation
Respiratory:	No data available
Ingestion:	No significant adverse effects are expected upon ingestion of the product
Carcinogenicity:	Not listed as carcinogenic by IARC, NTP or OSHA
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	Not available
Persistence and Degradability:	Readily biodegradable
Bioaccumulate Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Dispose of in accordance with local regulations.
Product Containers:	Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14 TRANSPORT INFORMATION

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

15 REGULATORY INFORMATION

TSCA Inventory Status:	Not regulated for transport in accordance with DOT, TDG, IMDG, and IATA regulations. This product either contains a chemical substance that is not listed on the public TSCA Inventory or the TSCA Inventory status of the product has not been evaluated. For FDA uses only.
DSCL (EEC):	This product is not classified according to the EU regulations. Not applicable. All components are on the Canadian DSL.

SARA 311/312 Hazards:	No SARA Hazards
SARA 302:	SARA 302, No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA 313:	SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold(DeMinimis) reporting levels established by the SARA Title III, Section 313
PA Right to Know:	Propane-1,2,3-triyl tridocosanoate 18641-51-1 90-100%
NJ Right to Know:	Propane-1,2,3-triyl tridocosanoate 18641-51-1 90-100%
CA Prop 65:	This product does not contain any chemicals known to the state of CA to cause cancer, birth, or any other reproductive defects.
REACH:	On the inventory, or in compliance with the inventory.
AICS:	On the inventory, or in compliance with the inventory.

16 OTHER INFORMATION

Revision Date:	11-20-2019
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.