

Tribehenin

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

Revision Date: 13-May-2024
Supersedes: 15-Oct-2019

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Tribehenin	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Tribehenin	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	18641-57-1	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Solid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified.
GHS Labeling: Not a dangerous substance according to GHS.
GHS Hazard Pictograms: None.
GHS Hazard Statements: None.
GHS Precautionary Statements: None.
Potential Health Hazards: Eyes: Not expect to be an irritant.
 Inhalation: May be an irritant.
 Skin: May cause nausea, vomiting, or diarrhea.
 Ingestion: Irritating to mouth, throat, and stomach.

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>
Tribehenin	18641-57-1	100%	Not Available

4 FIRST AID MEASURES

Eyes: Flush eyes with water. Seek medical attention as needed.
Inhalation: Remove to fresh air. Seek medical attention for any breathing difficulty occurs.
Skin: Wash with soap and water. Seek medical attention if necessary.
Ingestion: If swallowed, give several glasses of water to dilute. Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if necessary.
Acute/Delayed Symptoms: Asthma-like and/or skin allergy-like symptoms.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (extinguish with foam, CO₂, or dry chemical powders) for adjacent fire. Do not use direct water stream because it can spread the fire.

Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.

Flash Points: > 599°F (>315°C)

Specific hazards arising from the chemical: Thermal decomposition can lead to release of irritating gases and vapors such as carbon monoxide/dioxide. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	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.
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:	Prevent further leakage or spillage if safe to do so. For small spills of hot oil, add solid adsorbent, shovel into disposable container and hose down area. Do not use incompatible clay adsorbents to avoid the possibility of spontaneous combustion. Clean area with detergent. For large spills, squeegee into holding container, or allow to cool and solidify then collect unsuitable containers for disposal. Do not allow entry into sewer lines. Clean area detergent. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Use appropriate protective equipment when handling hot oil. Use good personal hygiene and safety practice. 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 at 77°F/25°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>
Tribehenin	Not available	Not available	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/goggle if eye contact is possible.
Inhalation:	Respiratory protection is not necessary for normal handling since this material has a low vapor pressure. Adequate general ventilation or local exhaust is sufficient. Use a respirator upon generation of mists, vapor, inadequate ventilation, or respiratory irritation. Use an appropriate NIOSH approved respirator for organic vapors if exposed to vegetable oil mist
Body:	Wear protective gloves. If handling containers of hot oil, insulated gloved and apparel may be required.
Other:	Ventilation should be provided in areas where hot oil is being used. 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:	Solid flakes or pastilles, wax	Vapor Pressure at 20 °C:	< 1.33 x 10 ⁻⁸ Pa ≤ 1.00 x 10 ⁻¹⁰ mm Hg
Odor:	Mild, characteristic	Vapor Density:	No data available
Odor Threshold:	Not determined	Evaporation Rate:	No data available
Color:	Off-white	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	> 599 °F (>315 °C)
Boiling Point:	No data available	Specific Gravity:	0.910 - 0.923 g/mL
Melting/Freezing Point:	140-149 °F (60-65 °C)	Water Solubility:	Insoluble
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Dynamic Viscosity:	Not determined	Explosive Properties:	None
Oxidizing Properties:	None	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	None known.
Incompatible Materials:	Avoid flames and strong oxidizers.
Hazardous Decomposition Products:	In case of fire hazardous decomposition products Carbon oxides may be produced.
Possible Hazardous Reactions:	None under normal conditions.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Not irritating to skin.
Eyes:	Not irritating to eyes.
Inhalation:	No data available.
Ingestion:	No data available.
Toxicological Effects:	Not classified for Inhalation, eye contact, skin contact, ingestion (Based on available data, the classification criteria are not met).
Carcinogenicity:	No data available.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not mutagenic.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	None.
Reproductive Toxicity:	Not Reprotoxic. NOAEL 000 mg/kg bw/day.
Sensitization:	Not a skin sensitizer.
Corrosivity:	No data available.
Aspiration Hazard:	None.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No known hazard.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	Biodegradable and not persistent.
Bioaccumulative Potential:	Does not bioaccumulate.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	Not considered PBT / vPvB.
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 container.
Product Containers:	Empty remaining contents. 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.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not regulated.

IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	Not regulated.
ADR/RID (Road and Rail Transportation):	Not regulated.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Not applicable.
Canada (DSL):	Complies.
EU (EINECS):	Complies.
China (IECSC):	Complies.
Australia (AICS):	No data available.
Taiwan (TCSI):	No data available.
Japan (ENCS):	Not applicable.
Philippines (PICCS):	Complies.
Korea (KECL):	Not applicable.
New Zealand:	No data available.

16 OTHER INFORMATION

Revision Date:	13-May-2024
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.