

## 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

<b>Product Name:</b>	Tribehenin	<b>Distributor:</b>	XI'AN AOGU BIOTECH CO.,LTD
<b>Chemical name:</b>	Glyceryl tribehenate	<b>Address:</b>	Block B3,Jinye Times,No.32,East Section of Jinye Road, Yanta District,Xi'an Shaanxi 710065 China
<b>INCI Name:</b>	Tribehenin	<b>Phone / Fax:</b>	0086-29-89121514
<b>CAS Number:</b>	18641-57-1	<b>Web:</b>	www.aogubio.com
<b>Formula:</b>	C <sub>69</sub> H <sub>134</sub> O <sub>6</sub>	<b>Emergency Telephone Number:</b>	0086-18091843361 (Chemtrec)
<b>Product Form:</b>	Solid		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Not a hazardous substance or mixture.		
<b>GHS Labeling:</b>	Not a hazardous substance or mixture.		
<b>GHS Hazard Pictograms:</b>	None		
<b>GHS Hazard Statements:</b>	None		
<b>GHS Precautionary Statements:</b>	None		
<b>Potential Health Hazards:</b>	Eyes: May be irritant. Inhalation: Not expected to be irritant. Skin: May be an irritant.		
<b>NFPA Ratings:</b>	<b>Health</b>	1	Slight
	<b>Flammability</b>	1	Slight
	<b>Reactivity</b>	0	Not significant
	<b>Specific Hazard</b>	n/a	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

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

### 4 FIRST AID MEASURES

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

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	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.
<b>Special protective equipment &amp; precautions for firefighters:</b>	In the event of a fire, firefighters should wear NIOSH-approved self-contained breathing apparatus.
<b>Flash Points:</b>	>100°C (212°F)
<b>Specific hazards during firefighting:</b>	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

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
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

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

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

## 11 TOXICOLOGICAL INFORMATION

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

## 12 ECOLOGICAL INFORMATION

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

## 13 DISPOSAL CONSIDERATIONS

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

## 14 TRANSPORT INFORMATION

<b>DOT (Dept. of Transportation, USA):</b>	Not regulated
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not regulated
<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

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	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.
<b>DSL (EEC):</b>	This product is not classified according to the EU regulations. Not applicable. All components are on the Canadian DSL.

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

### 16 OTHER INFORMATION

<b>Revision Date:</b>	11-20-2019
<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.