

Palmitic Acid

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

Revision Date: 10-31-2018
Supersedes: None

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Palmitic Acid	Distributor:	MakingCosmetics.com Inc.
Synonyms:		Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Palmitic Acid	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	57-10-3	Web:	www.makingcosmetics.com
Formula:	Not 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 classified												
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 irritant. Ingestion: May be irritant.												
NFPA Ratings (704):	<table><tbody><tr><td>Health</td><td>1</td><td>Slight</td></tr><tr><td>Flammability</td><td>1</td><td>Slight</td></tr><tr><td>Reactivity</td><td>0</td><td>Minimal</td></tr><tr><td>Specific Hazard</td><td>n/a</td><td></td></tr></tbody></table>	Health	1	Slight	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	1	Slight											
Flammability	1	Slight											
Reactivity	0	Minimal											
Specific Hazard	n/a												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Palmitic Acid	57-10-3	90-95%	Not available
Myristic Acid	544-63-9	1-5%	Not available
Stearic Acid	57-11-4	5-9%	Not available

4 FIRST AID MEASURES

Eyes:	Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
Inhalation:	Move to fresh air. Call a physician if symptoms develop or persist.
Skin:	Wash off skin with soap and water. Get medical attention if irritation develops or persists.
Ingestion:	Give one or two glasses of water to drink. Do not give sodium bicarbonate, fruit juices or vinegar. If gastrointestinal symptoms develop, consult medical personnel.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Use water spray, dry chemical, foam, or carbon dioxide. Water may be ineffective
Special protective equipment & precautions for firefighters:	Firefighters should wear full protective clothing including self-contained breathing apparatus.
Flash Points:	Not available

Specific hazards arising from the chemical: None known

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions: Prevent entry into waterways, sewers, basements or confined areas.
Methods and material for containment and cleaning up: Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Surface may become slippery after spillage. Use vacuum or broom and remove to disposal container. If damp, flush with water.

7 HANDLING & STORAGE

Precautions for safe handling: Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Conditions for safe storage, incl. any incompatibilities: Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Palmitic Acid	15mg/m ³ total dust, 5mg/m ³ respirable fraction for nuisance dusts. 10mg/m ³ total dust containing no asbestos and <1% crystalline silica for Particulates Not Otherwise classified (PNOC)		

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, goggles, or face shield recommended for eye protection.
Inhalation: Wear NIOSH approved respiratory protection as appropriate to operating conditions.
Body: Gloves recommended to prevent prolonged skin contact.
Other: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White crystals or flakes	Vapor Pressure:	<1 mmHg
Odor:	Slight, characteristic odor	Vapor Density:	Not available
Taste:	Not available	Evaporation Rate:	Not available
Color:	White	Auto-Ignition:	>250°C
Molecular Weight:	Not available	Density:	0.85 g/ml
pH (1% sol. in water)	Not available	Specific Gravity:	0.853
Boiling Point:	215 °C (419 °F) at 15mmHg	Melting Point:	63 °C (145 °F)
		Solubility:	Insoluble in water, soluble in ethanol, ether and most organic solvents

10 STABILITY AND REACTIVITY

Reactivity:	Product is stable
Chemical Stability:	Stable under normal conditions of storage and handling.
Hazardous Polymerization:	Not likely to occur
Conditions to Avoid:	Not available
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	None known

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Acute oral toxicity (LD50): Not available
Skin:	May be irritant
Eyes:	May be irritant
Respiratory:	No information available
Ingestion:	No information available
Carcinogenicity:	Not available
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:	Biodegradable
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not 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:	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):	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

XI'AN AOGU BIOTECH CO.,LTD
Room 606,Block B3,Jinye Times,No.32,East Section of Jinye Road,
Yanta District,Xi'an Shaanxi 710065 China
0086-29-89121514 0086-18091843361
www.aogubio.com



TSCA Inventory Status:	Listed
DSCL (EEC):	Listed
WHMIS (Canada):	Listed

16 OTHER INFORMATION

Revision Date: 10-31-2018

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.