

## Stearyl Palmitate

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

Revision Date: 08-28-2015  
Supersedes: 11-14-2012

### 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Stearyl palmitate  
**Synonyms:** Palmitic acid stearyl ester  
**INCI Name:** Hexadecanoic acid, octadecyl ester

**Distributor:** XI'AN AOGU BIOTECH CO.,LTD  
**Address:** Block B3, Jinye  
Times, No.32, East Section of  
Jinye Road, Yanta District, Xi'an  
Shaanxi 710065 China)  
0086-29-89121514

**CAS Number:** 2598-99-4  
**Formula:** C<sub>34</sub>H<sub>68</sub>O<sub>2</sub>  
**Product Form:** Solid Pellets  
**Product Use:** Cosmetic use

**Phone / Fax:**  
**Web:** www.aogubio.com

**Emergency Telephone Number: 0086-18091843361**  
(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):**

Health	2	Moderate
Flammability	0	No Significant Hazard
Reactivity	0	No Significant Hazard
Specific Hazard	n/a	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Stearyl palmitate	2598-99-4	Not available	508.90 g/mol

### 4 FIRST AID MEASURES

**Eyes:** If hot product is splashed into eyes, flush immediately with clear water. Immediately obtain medical attention.

**Inhalation:** If overcome by fumes, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation and administer oxygen if available. Immediately obtain professional medical attention.

**Skin:** Immediately contact a physician for treatment of thermal burns. In case of skin contact with product under other conditions, wash thoroughly with soap and water. Removal of product from skin may be aided by the use of waterless hand cleaner.

**Ingestion:** If ingested, DO NOT induce vomiting. Seek professional medical attention immediately.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** Small Fires: Co2 or dry chemical. Large Fires: Foam.

**Special protective equipment & precautions for firefighters:** Wear self-contained breathing apparatus. Wear appropriate protective equipment to protect eyes and skin. Potential combustible dust if flaked or powdered. Dust generated from flaked product will be combustible at sufficient concentration.

**Flash Points:** >330°F (165°C) CCCFP  
**Specific hazards arising from the chemical:** Not available

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** See section 8 for recommendations on the use of personal protective equipment.  
**Environmental precautions:** Minimize contamination of drains, surface and ground waters.  
**Methods and material for containment and cleaning up:** Ventilate area and eliminate all ignition sources. Contain spill. Absorb spill with inert material such as sand or sawdust then place in container for disposal. Wash spill site after material pickup is complete.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Handle in accordance with good hygiene and safety procedures. Avoid contact with eyes and skin. Use with caution around heat, sparks, static electricity, and open flames. Since empty containers contain product residue, follow all hazard warnings and precautions even after container is emptied. Keep away from sources of ignition.  
**Conditions for safe storage, incl. any incompatibilities:** Store all materials in properly labeled containers. Store in a cool dry well ventilated area. Do not store together with oxidizing agents. Keep away from heat or open flame. Take precautionary measures against static discharges.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Stearyl palmitate	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, goggles or face shield recommended for eye protection.  
**Inhalation:** Use with adequate ventilation system. Use an appropriate NIOSH/MSHA approved respirator if vapor, mist or dust is generated.  
**Body:** Nitrile gloves, chemical resistant apron or other impervious clothing, if needed, to protect against hot liquid and to avoid skin contact.  
**Other:** Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance, Physical State:</b>	Solid	<b>Vapor Pressure:</b>	Not available
<b>Odor:</b>	Slight odor	<b>Vapor Density:</b>	Not available
<b>Taste:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>Color:</b>	White to yellow	<b>Flammability:</b>	Not available
<b>Molecular Weight:</b>	508.90 g/mol	<b>Upper/lower Explosive Limit:</b>	Not available
<b>pH (1% sol. in water)</b>	Not available	<b>Solubility:</b>	Water insoluble
<b>Boiling Point:</b>	>300°C	<b>Flash Point:</b>	>330°F (165°C) CCCFP
<b>Melting Point:</b>	55-61°C	<b>Specific Gravity:</b>	Estimated 0.85

## 10 STABILITY AND REACTIVITY

**Reactivity:** Product is stable

<b>Chemical Stability:</b>	Product is stable
<b>Hazardous Polymerization:</b>	No data available
<b>Conditions to Avoid:</b>	Reacts with oxidizing agents
<b>Incompatible Materials:</b>	Avoid contact with strong oxidizing agents, reducing agents, strong acids and bases.
<b>Hazardous Decomposition Products:</b>	Carbon monoxide and carbon dioxide

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Acute oral toxicity > 5g/kg
<b>Skin:</b>	> 2 g/kg
<b>Eyes:</b>	Irritant
<b>Respiratory:</b>	Irritant
<b>Ingestion:</b>	Low order of toxicity
<b>Carcinogenicity:</b>	Data not available
<b>Teratogenicity:</b>	Data not available
<b>Germ Cell Mutagenicity:</b>	Data not available
<b>Embryotoxicity:</b>	Data not available
<b>Specific Target Organ Toxicity:</b>	Data not available
<b>Reproductive Toxicity:</b>	Data not available
<b>Respiratory/Skin Sensitization:</b>	Data not available

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	
<b>Aquatic Vertebrate:</b>	Data not available
<b>Aquatic Invertebrate:</b>	Data not available
<b>Terrestrial:</b>	Data not available
<b>Persistence and Degradability:</b>	Data not available
<b>Bioaccumulative Potential:</b>	Data not available
<b>Mobility in Soil:</b>	Data not available
<b>PBT and vPvB Assessment:</b>	Data not available
<b>Other Adverse Effects:</b>	Data not available

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Compliance with applicable laws are the responsibility solely of the generator.
<b>Product Containers:</b>	Dispose of in a manner in accordance with local and national regulations.

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

<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>	Listed as stearyl palmitate.
<b>DSCL (EEC):</b>	This product is not classified according to the EU regulations. Not applicable.
<b>WHMIS (Canada):</b>	Not controlled under WHMIS (Canada)

16 OTHER INFORMATION

**Revision Date:** 08-28-2015

**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.