

## Myristyl Myristate

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

Revision Date: 11-16-2015  
Supersedes: 4-15-2014

### 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Myristyl Myristate  
**Synonyms:** Not available  
**INCI Name:** Myristyl Myristate  
**CAS Number:** 3234-85-3  
**Formula:** [C<sub>28</sub>H<sub>56</sub>O<sub>2</sub>](#)  
**Product Form:** Solid (flakes)  
**Product Use:** Cosmetic use

**Distributor:** MakingCosmetics.com Inc.  
**Address:** 10800 231<sup>st</sup> Way NE  
Redmond, WA 98053 (USA)  
**Phone / Fax:** 425-292-9502 / 425-292-9601  
**Web:** [www.makingcosmetics.com](http://www.makingcosmetics.com)

**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: Mildly irritant.  
Inhalation: Mildly irritant.  
Skin: Not expected to be irritant.  
Ingestion: Mildly irritant.

**NFPA Ratings (704):**

Health	0	None
Flammability	1	Slight
Reactivity	0	None
Specific Hazard	n/a	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Myristyl Myristate	3234-85-3	100%	424.74 g/mol

### 4 FIRST AID MEASURES

**Eyes:** Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention if necessary.  
**Inhalation:** Remove to fresh air. Seek medical attention if irritation occurs.  
**Skin:** Wash skin with soap and water. Seek medical attention if symptoms occur.  
**Ingestion:** Practically non-toxic. Seek medical attention if symptoms occur.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** CO<sub>2</sub>, water, dry chemicals, foam.  
**Special protective equipment & precautions for firefighters:** Firefighters should wear full protective clothing including self-contained breathing Apparatus.  
**Flash Points:** >200° F (CC)  
**Specific hazards arising from the chemical:** None known.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:**  
**Environmental precautions:**

See section 8 for recommendations on the use of personal protective equipment.  
 Dispose of waste according to local regulations. Prevent spill from reaching sewer or other bodies of water.

**Methods and material for containment and cleaning up:**

Dike and contain the spill with inert material (sand, sawdust, earth) and transfer liquid and solid diking materials to separate containers for recovery or disposal. Wash floor with hot water solution to remove solidified material.

## 7 HANDLING & STORAGE

**Precautions for safe handling:**

Handle in accordance with good industrial hygiene and safety practices.

**Conditions for safe storage, incl. any incompatibilities:**

Store in accordance with federal, state and local regulations. Store in a cool dry well ventilated area.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Myristyl Myristate	N/A		

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:** Appropriate NIOSH approved respiratory protection may be worn.  
**Body:** Gloves and protective clothing should be worn 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

<b>Appearance, Physical State:</b>	Solid (pastille/flake)	<b>Vapor Pressure:</b>	<0.01 mm/Hg (20°C)
<b>Odor:</b>	Fatty	<b>Vapor Density:</b>	Not available
<b>Taste:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>Color:</b>	White	<b>Flammability:</b>	Not available
<b>Molecular Weight:</b>	424.74 g/mol	<b>Upper/lower Explosive Limit:</b>	Not available
<b>pH (3% sol. in water)</b>	Not available	<b>Solubility:</b>	Insoluble in water
<b>Boiling Point:</b>	414°F	<b>Flash Point:</b>	414°F
<b>Melting Point:</b>	Not available	<b>Specific Gravity:</b>	Not available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Stable under normal conditions.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to Avoid:</b>	Excessive heat.
<b>Incompatible Materials:</b>	Strong oxidizers, strong caustics.
<b>Hazardous Decomposition Products:</b>	Products of combustion.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Not available
<b>Skin:</b>	Mild irritant
<b>Eyes:</b>	Mild irritant
<b>Respiratory:</b>	Mild irritant
<b>Ingestion:</b>	Not available
<b>Carcinogenicity:</b>	Not available
<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>	Not available
<b>Bioaccumulative 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

**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

<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

**TSCA Inventory Status:** No data available

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**DSCL (EEC):** This product is not classified according to the EU regulations. Not applicable.  
**WHMIS (Canada):** Not controlled under WHMIS (Canada)

## 16 OTHER INFORMATION

**Revision Date:** 11-16-2015

**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.