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## **MYRISTYL MYRISTATE**

### **1. PRODUCT IDENTIFICATION**

Product Name: MYRISTYL MYRISTATE  
Chem Formula: C<sub>28</sub>H<sub>56</sub>O<sub>2</sub>

Health, Fire and Reactivity ratings are based on NIOSH "Identification System for Occupationally Hazardous Materials" (1974).

#### **EPA TSCA INVENTORY STATUS**

The components of this product are all listed on EPA's TSCA Inventory

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### **2. Physical Data**

Physical characteristics not mentioned below are deemed to be non-essential in describing the hazardous nature of this product.

Boiling Point: >150 DEG. C.

Specific Gravity (H<sub>2</sub>O = 1): 0.85

Vapor Pressure (mm Hg): <1

Melting Point: 42-46 DEG. C.

Vapor Density (AIR = 1): >1

Solubility in Water: NOT SOLUBLE IN WATER

Evaporation Rate (Butyl Acetate = 1): <1

Appearance & Odor: LIGHT COLORED ORGANIC WAXY SOLID WITH MILD ODOR

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### **3. Fire and Explosion Data**

#### **EXTINGUISHING MEDIA:**

Material will not burn unless preheated. If not burning, keep cool with water spray. If burning use water fog, foam, dry chemical or carbon dioxide to extinguish.

#### **UNUSUAL FIRE AND EXPLOSION HAZARD:**

None.

#### **SPECIAL FIREFIGHTING PROCEDURES:**

Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool exposed containers with water.

#### **FLASH POINT (PMCC):**

Greater than 200 degrees F.

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#### **4. Reactivity Data**

##### **HAZARDOUS DECOMPOSITION OR BYPRODUCTS:**

Carbon monoxide and unidentified organic compounds during combustion

##### **INCOMPATIBILITY (MATERIALS TO AVOID):**

Avoid contact with strong oxidizing agents or open flames.

##### **CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION:**

Material is not known to polymerize.

##### **STABILITY:**

Under normal conditions, this material is stable.

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#### **5. Health Hazard Data**

##### **CARCINOGENICITY:**

Not listed as carcinogenic by IARC, NTP, OSHA, ACGIH

##### **EMERGENCY AND FIRST AID PROCEDURES:**

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EYES:	Flush with water for 15 minutes while holding eyelids open. Get medical attention.
SKIN:	Wash contacted areas with soap and water thoroughly to remove all residues. If irritation develops consult a physician. Soaked clothing should be changed immediately! Launder clothing before reuse and discard shoes if they can not be decontaminated.
INHALATION:	Get person out of contaminated area to fresh air. If breathing is difficult, administer oxygen. Consult a physician.
INGESTION:	Consult a physician.

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##### **HEALTH HAZARDS:**

This product is a typical surface active agent. It has the potential to cause irritation if more than transient contact occurs.

##### **MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

Pre-existing skin irritation may be aggravated.

##### **EFFECTS OF OVEREXPOSURE:**

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SKIN:	Prolonged contact will cause irritation or burn.
EYES:	Short term contact will cause irritation. Prolonged contact may cause irreversible damage to eye.
INHALATION:	Airborne concentrations of dust, mist or spray may cause irritation or damage to the upper respiratory tract or lung tissue. Depending on the severity of exposure, chemical pneumonia.

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INGESTION: This product is not acutely toxic.

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#### **6. Precautions for safe Handling Use**

##### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Avoid excessive heat and contact with skin and eyes.

##### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Dike large spills and scavenge material. Small spills should be scooped up and transferred to salvage drum.

##### **WASTE DISPOSAL METHOD:**

This product has no characteristics requiring it to be labelled as a hazardous waste. Nevertheless, it is important to package, store, transport, and dispose of all clean-up materials and any contaminated equipment in accordance with all applicable federal, state, and local health and environmental regulations. Shipments of waste materials may be subject to manifesting requirements per applicable regulations. Appropriate disposal will depend on the nature of each waste material and should be performed by competent and properly permitted contractors. Ensure that all responsible federal, state, and local agencies receive proper notification of spill and disposal methods.

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#### **7. Industrial Hygiene Control Measures**

##### **EYE PROTECTION:**

Face shield and goggles or chemical goggles should be worn.

##### **PROTECTIVE GLOVES:**

Gloves should be worn. Gloves may be decontaminated by washing with mild soap and water. Natural and butyl rubber have been suggested.

##### **OTHER PROTECTIVE CLOTHING AND/OR EQUIPMENT:**

Protective clothing to minimize skin contact. Chemically resistant safety shoes. Wash contaminated clothing with soap and water and dry before reuse. Showers and eyewash facilities should be accessible.

##### **RESPIRATORY PROTECTION:**

Respiration protection is not required under normal use. Use NIOSH/ MSHA approved respirator where mists, sprays or dust may be generated

##### **VENTILATION REQUIREMENTS:**

Use adequate local exhaust ventilation where mist, sprays or dust may be generated.

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## **8. Miscellaneous**

### **WARNING:**

**FOR INDUSTRIAL USE ONLY**

### **PRECAUTIONARY STATEMENTS:**

Do not get into eyes, on skin, on clothing.

Avoid breathing dust, mists, or spray.

Do not take internally.

Use with adequate ventilation and employ respiratory protection when exposure to dust, mist or spray is possible.

When handling, wear chemical splash goggles, face shield, rubber gloves, and protective clothing.

Wash thoroughly after handling or contact.

Keep container closed.

### **TRANSPORTATION:**

This product is not regulated by DOT, IMO or IATA.

### **DISCLAIMER:**

This MSDS has been prepared in accordance with requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200). All information, recommendations and suggestions appearing herein concerning our product are based on data believed to be reliable; however, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein.

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### Disclaimer

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