

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b> Isopropyl Myristate	<b>Supplier:</b> ASES CHEMICAL WORKS.
<b>Synonyms:</b> Tetradecanoic acid, 1-methylethyl ester, propan-2-yl tetradecanoate, Estergel	<b>Address:</b> Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
<b>INCI Name:</b> Isopropyl Myristate	<b>Phone:</b> +91-9636889954
<b>CAS Number:</b> 110-27-0	<b>Web:</b> www.ases.in
<b>Formula:</b> C <sub>17</sub> H <sub>34</sub> O <sub>2</sub>	<b>Email :</b> ecom@ases.in
<b>Product Form:</b> Liquid	
<b>Product Use:</b> Manufacture of substances	

### 2 HAZARDS IDENTIFICATION

**Classification of the substance or mixture:** Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008  
**Label elements :** Not a hazardous substance or mixture.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	EC No.	Formula	Molecular Weight	Concentration
Isopropyl Myristate	110-27-0	203-751-4	C <sub>17</sub> H <sub>34</sub> O <sub>2</sub>	270,45 g/mol	>99%

### 4 FIRST AID MEASURES

<b>Eye Contact:</b>	Flush eyes with water as a precaution.
<b>Skin:</b>	Take off immediately all contaminated clothing. Rinse skin with water/ shower.
<b>Inhalation:</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
<b>Ingestion:</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water

### 5 FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
**Special hazards arising from the substance or mixture :** Carbon oxides.  
**Advice for firefighters :** Wear self-contained breathing apparatus for firefighting if necessary.  
**Further information:** No data available.

### 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions :</b>	Do not breathe vapors, aerosols. Evacuate the danger area, observe emergency procedures, consult an expert.
<b>Environmental precautions :</b>	Do not let product enter drains.
<b>Methods for cleaning up :</b>	Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions. Take up with liquid-absorbent material. Dispose of properly. Clean up affected area.

### 7 HANDLING & STORAGE

<b>Precautions:</b>	It is recommended to organize all working processes in order to exclude the following: inhalation. skin contact. Eye contact. Use only in well-ventilated areas. Keep away from sources of ignition - No smoking. Usual measures for fire prevention. Do not eat, drink, smoke or sneeze at the workplace.
<b>Storage:</b>	Keep container tightly closed in a dry and well-ventilated place. Keep the packing dry and well-sealed to prevent contamination and absorption of dampness.

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering measures:</b>	Ingredients with workplace control parameters.
<b>Hand protection :</b>	Type of chemical protective gloves to choose depends on the concentration and quantity of dangerous substances as well as on work place specifications.
<b>Eye protection :</b>	Tightly sealed safety glasses. Eye-shade
<b>Skin and body protection :</b>	Wear suitable protective clothing
<b>Respiratory protection :</b>	Not required; except in case of aerosol formation.

# MATERIAL SAFETY DATA SHEET

ISOPROPYL MYRISTATE

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state :</b>	Liquid	<b>Flash point :</b>	>150°C
<b>Color :</b>	Colorless.	<b>Auto-ignition temperature :</b>	No data available
<b>Odor :</b>	Odorless.	<b>Decomposition temperature :</b>	No data available
<b>Odor threshold :</b>	No data available	<b>Explosive limits :</b>	No data available
<b>pH :</b>	No data available	<b>Vapour pressure :</b>	<0.001 hPa (at 20°C)
<b>Evaporation rate :</b>	No data available	<b>Vapour density :</b>	No data available
<b>Melting point :</b>	ca. 3°C	<b>Relative density :</b>	No data available
<b>Freezing point :</b>	No data available	<b>Density :</b>	0.85 g/cm <sup>3</sup> at 20 °C
<b>Boiling point :</b>	193 °C at 27 hPa - lit	<b>Solubility :</b>	Water: Soluble in water

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Thermal decomposition can lead to the escape of irritating gases and vapors.
<b>Chemical Stability:</b>	Stable under normal temperature conditions
<b>Hazardous Polymerization:</b>	Violent reactions possible with: Oxidizing agents
<b>Conditions to Avoid:</b>	Strong heating.
<b>Incompatible Materials:</b>	Oxidizing agents, strong. Reducing agents, strong. Alkalis concentrated. acid, concentrated.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	No data available.
<b>Chronic Effects on Humans:</b>	No data available.
<b>Other Toxic Effects on Humans:</b>	No data available.
<b>Special Toxic Effects on Humans:</b>	No data available.

## 12 ECOLOGICAL INFORMATION

### Toxicity

<b>Toxicity to fish LC50 :</b>	Danio rerio (zebra fish) - 8.400 mg/l - 96 h Remarks: (IUCLID)
<b>Toxicity to daphnia and other aquatic invertebrates :</b>	EC50 : Daphnia magna (Water flea) - > 100 mg/l - 48 h (OECD Test Guideline 202)
<b>Toxicity to algae IC50 :</b>	Desmodesmus subspicatus (green algae) - > 100 mg/l - 72 h (OECD Test Guideline 201)
<b>Toxicity to bacteria EC0 :</b>	Pseudomonas putida - > 10.000 mg/l - 30 min (OECD Test Guideline 209)

### Persistence and degradability

<b>Biodegradability: Result:</b>	63 -91 %-Readily biodegradable. (OECD Test Guideline 301D) Remarks: (IUCLID)
<b>Bioaccumulative potential :</b>	No data available
<b>Mobility in soil :</b>	No data available
<b>Results of PBT &amp; vPvB assessment:</b>	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
<b>Endocrine disrupting properties Product:</b>	Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
<b>Other adverse effects:</b>	No ecological problems are to be expected when the product is handled and used with due care and attention.

## 13 DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## MATERIAL SAFETY DATA SHEET

ISOPROPYL MYRISTATE

### 14 TRANSPORT INFORMATION

**US DOT Shipping Description (Land) :** Not a hazardous material with respect to these transportation regulations.

**IMO-IMDG Shipping Description (Sea) :** Not a hazardous material with respect to these transportation regulations.

**IATA Shipping Description (Air) :** Not a hazardous material with respect to these transportation regulations.

### 15 REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture** This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Chemical Safety Assessment:** This product does not contain any chemical components regulated.

**Other :** Not regulated

### 16 OTHER INFORMATION

#### Disclaimer & Caution

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.