



PT. MUSIM MAS
Soaps, Amides & Esters Division

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product Identification

Product Name : Isopropyl Palmitate
Trade Name : MASESTER E1160
Other Identifier : Isopropyl Hexadecanoate
Recommended Use : Cosmetic Application

Company Identification

Manufacturer Name : PT Musim Mas
Address : Jln. Oleo, Kawasan Industri Medan II, Saentis,
Percut Sei Tuan, Deli Serdang
Sumatera Utara, Indonesia
Telephone Number : (62-61) 6871123
Fax Number : (62-61) 6871152 / 6871153
Email Address : *oleo@musimmas.com*
Emergency Telephone Number
EU, ASPAC and other countries : +62-8116054139
North America/Canada : +1-800-424-9300 (Chemtrec)

2. HAZARD IDENTIFICATION

GHS Classification
Physical Hazard : Not classified as hazardous substance.
Health Hazard : Not classified as hazardous substance.
Environmental Hazard : Not classified as hazardous substance.

GHS Label Element
Hazard Symbol : No symbol
Signal Word : No signal word
Hazard Statement : No statement
Precautionary Statement : No statement

Other Hazard : None known

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Substance

Chemical Name : Isopropyl Hexadecanoate
Synonym : Palmatic Acid Isopropyl Ester
CAS No : 142-91-6
EINECS No : 205-571-1
Ingredients or impurities that contribute to hazard : No data available

4. FIRST AID MEASURES

Eye Contact : Immediately flush eyes with running water for at least 10 minutes, keep eyelid open. Get medical attention if irritation occurs.



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Skin Contact	: Wash affected skin with plenty of water and soap. Get medical attention if irritation occurs.
Ingestion	: Rinse out mouth and drink plenty of water. Do not induce vomiting or give anything by mouth to an unconscious person. In severe cases obtain medical attention.
Inhalation	: Immediately leave the contaminated area, take deep breaths of fresh air.
Most important symptoms/effects, acute and delayed	: No data available
Indication of immediate medical attention and special treatment needed	: No data available

5. FIRE-FIGHTING MEASURES

Suitable extinguishing Media	: Dry chemical powder & carbon dioxide foam. Treat as burning melted fat.
Unsuitable extinguishing Media	: water jet.
Specific hazards arising from the substance or mixture	: No data available
Special protective equipment for fire-fighters	: Use self-contained breathing apparatus and full protective clothing.
Special protective action for fire-fighters	: Use water spray to cool nearby containers and structures exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: If spilled, take caution, as material can cause surface to become very slippery.
Environmental precautions	: No special environmental precautions required.
Methods and materials for containment and cleaning up	: Use of shovels to evacuate the solid spread on the ground. Wash floor with hot soapy water and rinse with hot water.

7. HANDLING AND STORAGE

Precautions for safe handling	: Handle in accordance with good industrial hygiene and safety. Do not eat, drink or smoke during work time Keep away from heat, sparks and flame.
Conditions for safe storage including any incompatibilities	: i. The product must be stored in the manufacturer's original sealed container ii. The product must be stored under sheltered and well-ventilated warehouse; not exposed to moisture and direct sunlight.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	Exposure limit	Category	Origin
Not applicable	Not applicable	Not applicable	Not applicable

Appropriate Engineering Controls : Ensure adequate ventilation.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

Individual Protection Measures, such as personal protective equipment

Eye/Face Protection : None required under normal conditions.
Skin Protection : None required under normal conditions.
Respiratory Protection : If ventilation is insufficient, suitable respiratory protection must be used.
Hand Protection : None required under normal conditions.

Environmental Exposure Controls : No information available

9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Information

Appearance
Physical State : Liquid
Colour : Colourless to pale yellow
Odour : Odourless
Odour threshold : Internal Reference Standard
pH : No data available
Melting point/freezing point : < 13°C/ 55.4°F (as cloud point)
Initial boiling point and boiling range : No data available
Flash point : > 170°C/ > 338°F (Cleveland Open Cup)
Evaporation rate : No data available
Flammability (solid, gas) : No data available
Upper/lower flammability or explosive limits : No data available
Vapour pressure : No data available
Vapour density : No data available
Relative density : 0.850 – 0.855
Solubility : Insoluble in water, soluble in most organic solvent
Partition coefficient : n-octanol/water : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity : 5 – 10 mPas (at 20°C)
Explosive properties : No data available
Oxidizing properties : No data available
Other Information : No data available

10. STABILITY AND REACTIVITY



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Reactivity	: No data available
Chemical stability	: Stable under ordinary condition.
Possibility of hazardous reactions	: Hazardous polymerization will not occur.
Conditions to avoid	: Avoid direct fire, strong alkalis, and strong oxidizers.
Incompatible materials	: Strong alkalis and strong oxidizers agents.
Hazardous decomposition products	: None

11. TOXICOLOGICAL INFORMATION

Acute toxicity	: No data available
Skin corrosion/irritation	: No data available
Serious eye damage/irritation	: No data available
Respiratory or skin sensitization	: No data available
Mutagenicity	: No data available
Carcinogenicity	: No data available
Reproductive toxicity	: No data available
STOT-single exposure	: No data available
STOT-repeated exposure	: No data available
Aspiration hazard	: No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity	: Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plant.
Persistence and Degradability	: Readily biodegradable
Bioaccumulative potential	: Bioaccumulation is unlikely
Mobility	: The product is insoluble and floats on water
Result of the PBT and vPvB assessment	: No data available
Other adverse effects	: None known

13. DISPOSAL CONSIDERATIONS

Disposal methods	: Dispose according to National and local regulations.
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14. TRANSPORT INFORMATION

Land Transport (US-DOT)	: Not classified as dangerous goods.
Land Transport (ADR/RID)	: Not classified as dangerous goods.
Sea Transport (IMDG Code)	: Not classified as dangerous goods.
Air Transport (IATA)	: Not classified as dangerous goods.
Inland waterways Transport (ADN)	: Not classified as dangerous goods.
Transport in Bulk (Annex II of MARPOL 73/78 and the IBC code)	: Not applicable

15. Regulatory Information

Safety, Health and Environmental regulations/legislation specific for the substance or mixture :



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Inventory status

ENCS (Japan) : Listed
TSCA (USA) : Listed
EINECS (EU) : Listed
AICS (Australia) : Listed
DSL (Canada) : Listed
KECI (Korea) : Listed
PICCS (Philippine) : Listed
IECSC (China) : Listed

Chemical Safety assessment : No data available

16. OTHER INFORMATION

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