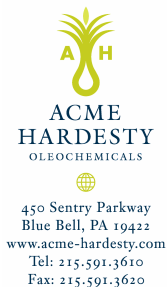


Material Safety Data Sheet



PRODUCT NAME: ISOPROPYL MYRISTATE 98%

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: Isopropyl Myristate 98%
CAS #: 110-27-0
EC #: 2037514
DATE: May 19, 2008

DISTRIBUTOR: ACME-HARDESTY COMPANY
ADDRESS: 450 Sentry Parkway
Blue Bell, PA 19422

TELEPHONE: (866) 226 – 3834
FAX: (215) 591 – 3620
EMERGENCY: CHEMTREC (800) 424-9300

COMPOSITION / INFORMATION ON INGREDIENTS

PRODUCT DESCRIPTION: Isopropyl Myristate, 98% min.

HAZARDOUS INGREDIENTS

Chemical Name	CAS #	%	Symbol R-Phrases
Not considered as hazardous.			
Not classified as hazardous according to criteria of WorkSafe Australia			

HAZARDS IDENTIFICATION

PROPOSED CLASSIFICATION: Not Classified.

HUMAN HEALTH HAZARDS:

EYE CONTACT: Not applicable at ambient temperature. Vapor can cause irritation.
SKIN CONTACT: Unlikely to be an irritant.
EYE CONTACT: Can cause irritation.
INGESTION: Unlikely to be harmful unless excessive amount is swallowed.

PHYSICAL/CHEMICAL HAZARDS: None Identified

ENVIRONMENTAL HAZARDS: None Identified

FIRST AID MEASURES

INHALATION: Remove to fresh air.
SKIN CONTACT: Wash off with plenty of water and soap.
EYE CONTACT: Wash out with water. Get medical attention if any sensations persist.
INGESTION: Remove material from mouth. Drink plenty of water. If large amount swallowed or symptoms develop get medical attention.

FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Dry chemical, water spray, foam, carbon dioxide.
UNSUITABLE EXTINGUISHING MEDIA: None know
SPECIFIC HAZARDS: Thermal decomposition will evolve irritant vapors.
SPECIAL FIREFIGHTERS PROTECTIVE EQUIPMENT: A self contained breathing apparatus , full protective clothing.

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with eyes. Do not breathe vapors.
ENVIRONMENTAL PRECAUTIONS: Minimize contamination of drains, surface and ground waters.
METHODS FOR CLEAN UP: Transfer product to suitably labeled containers for disposal at an approved site. Absorb liquid spillage onto inert material (e.g. sand). Residues and small spillages may be washed away with water and detergent.
OTHER INFORMATION: Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

HANDLING AND STORAGE

HANDLING: No specific protective measures are required.
STORAGE: Store in the original closed containers.
OTHER INFORMATION: For quality reasons: Avoid Elevated Temperatures

EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES: Ensure ventilation or local exhaust if formation of vapor occurs.
HYGIENE MEASURES: Good industrial hygiene should be followed.
OCCUPATIONAL EXPOSURE LIMITS: No occupational exposure limits have been established.
PERSONAL PROTECTIVE EQUIPMENT: Normal precautions should be observed as for handling all chemicals.

PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid (20°C)
COLOR:	Colorless
ODOR:	Faint
pH:	Not Applicable
BOILING POINT/BOILING RANGE, °C:	170°C (10hPa)
CLOUD POINT, °C:	<0°C
FLASH POINT, °C:	150°C (open cup)
FLAMMABILITY:	Not Applicable
AUTO-IGNITION TEMPERATURE:	Not Available
EXPLOSION PROPERTIES:	Not to be expected
OXIDATION PROPERTIES:	Not to be expected
VAPOR PRESSURE:	<1 hPa (20°C)
DENSITY:	850 kg/m ³ (20°C)
SOLUBILITY IN WATER:	Insoluble
SOLUBILITY IN OTHER INGREDIENTS:	Soluble in many organic solvents
PARTITION COEFFICIENT:	>3 (estimated)
VISCOSITY:	5.5 mPa.s (20°C)
VOLATILE ORGANIC COMPOUND:	Not volatile in ambient temperatures

STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions
CONITIONS TO AVOID:	Not known
MATERIALS TO AVOID:	Oxidizing Agents
HAZARDOUS REACTIONS:	None
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition will evolve irritant vapors
HAZARDOUS POLYMERIZATION:	Will not occur

TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Oral – LD ₅₀ :	>2 g/kg (rat)
SKIN IRRITATION:	Not irritating (rabbit)	
EYE IRRITATION:	Not irritating (rabbit)	
SENSITIZATION:	No sensitization reactions (guinea-pig)	

ECOLOGICAL INFORMATION

DEGRADABILITY:	Readily biodegradable (according to the “Sealed Vessel Test”)	
ECOTOXICITY:		
LC ₅₀ :	>100 mg/l (fish 48 hours)	
EC ₅₀ :	>100 mg/l (<i>Pseudomonas putida</i> – 16 hours)	

DISPOSAL CONSIDERATIONS

METHODS OF DISPOSAL:	Re-use/recycling of waste highly recommended. Disposal according to the local legislation.
CONTAMINATED PACKAGING:	Observe local regulations.

TRANSPORT INFORMATION

Not classified in RID/ADR – ADNR – IMDG – ICAO/IATA-DGR

REGULATORY INFORMATION

EU (EINECS):	Compliant	
USA (TSCA-CSI):	Compliant	
CANADA (DSL):	Compliant	
JAPAN (ENCS 2-798):	Compliant	
AUSTRALIA (AICS):	Compliant	
KOREA (ECL 33355):	Compliant	
PHILIPINES (PICCS):	Compliant	
CHINA (SEPA/First Import):	Compliant	
SWITZERLAND (BAG T no. /"Giftklasse" : 611500/"frei"):		Compliant

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Disposal of containers must comply with applicable federal, state and local laws and regulations. Empty containers should never be given to individuals.