Material Safety Data Sheet



PRODUCT NAME: METHYL LAURATE PME M1298 KOSHER

IDENTIFICATION AND DISTRIBUTOR INFORMATION

PRODUCT NAME:	Methyl Laurate PME M1298 Kosher
CAS#:	111-82-0
DATE:	November 15, 2010

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

Composition	Chemical	CAS	Weight	EC	EC	EC R
-	Formula	Number	%	Number	Symbol	Phrases
Methyl Laurate	$C_{13}H_{26}O_2$	111-82-0	98 - 100	203-911-3		

HAZARDS IDENTIFICATION

CHS CLASSIFICATION:

Classified as non-hazardous o humans and environment

FIRST AID MEASURES

	ГІКЗІ	AID MEASURES
INHALATION:	ACUTE/HAZARD SYMPTOM: FIRST AID:	May cause irritation Remove source of contamination r move victim to fresh air. If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.
SKIN CONTACT:	ACUTE/HAZARD SYMPTOM: FIRST AID:	May cause redness Wash off with plenty of water and soap. If skin irritation occurs, seek medical advice/attention Take off contaminated clothing and wash before reuse
EYE CONTACT:	ACUTE/HAZARD SYMPTOM: FIRST AID:	May cause irritation Rinse cautiously with water for several minutes Remove contact lenses, if present and easy to do, and continue rinsin If eye irritation persists, seek medical advice/attention
INGESTION:	ACUTE/HAZARD SYMPTOM: FIRST AID:	May cause irritation Rinse mouth and do NOT induce vomiting If vomiting occurs, keep head lower than hips to help prevent aspirate If person is unconscious, turn head to the side and seek medical attention immediately A division of IACOB STERN & SONS, INC.

FIRE FIGHTING MEASURES				
SUITABLE EXTINGUISHING MEDIA:	Dry chemical, appropriate foam or carbon dioxide			
SPECIFIC HAZARDS:	Combustible when exposed to heat or flame Thermal decomposition will evolve irritant vapors			
PROTECTION FOR FIRE-FIGHTERS:	Move container from fire area if it can be done without risk Do not scatter spilled material with high-pressure water streams Dike for later disposal Use extinguishing agents appropriate for surrounding fire Avoid inhalation of material or combustion by-products Stay upwind and keep out of low areas			
	ACCIDENTAL RELASE MEASURES			
PERSONAL PRECAUTIONS:	Avoid contact with eyes. Do not breathe vapor.			
ENVIRONMENTAL PRECAUTIONS:	Minimize contamination of drains, surface, and ground waters.			
METHODS FOR CLEANING UP: SMALL SPILLS:	Absorb with inert material and put spilled material in appropriate container for disposal			
LARGE SPILLS:	Absorb with inert material and put spilled material in appropriate container for disposal Ventilate area and wash spill site and allow to evacuate through the sanitary system			
	HANDLING AND STORAGE			
Empt Evapo Groun Do no Avoio Do no Wear Wear	Keep away from heat and sources of ignition Empty containers pose a fire risk Evaporate the residue under a fume hood Ground all equipment containing material Do not ingest – If ingested, seek medical advice immediately Avoid contact with skin and eyes Do not breathe vapors Wear suitable protective clothing in case of insufficient ventilation Wear suitable respiratory equipment			
Can b Keep Storag Safe S	in the original closed containers be stored in most common storage vessels including carbon steel in cool, dry place ge Class: VCI-Storage Class: 3B (BRD) Storage/Transport Pressure: Ambient /Unload Temperature: 16 – 32°C			

EXPOSURE CONTROLS / PERSONAL PROTECTION		
OCCUPATIONAL EXPOSURE:	No occupational exposure limits have been established.	
VENTILATION:	Provide local exhaust ventilation system Ensure compliance with applicable exposure limits	
PERSONAL PROTECTIVE EQUIPMENT: SKIN/BODY PROTECTION:	Wear chemical resistant gloves	
EYE PROTECTION:	Wear splash resistant safety goggles and face shields	
RESPIRATORY PROCTECTION:	May be needed under conditions of frequent use of heavy exposure Consider warning properties before use Any Chemical cartridge respirator with organic vapor cartridge(s) Any chemical cartridge respirator with full face piece & organic vapor cartridge Any air-purifying respirator with full face piece and an organic vapor canister	
ENGINEERING MEASURES: HYGIENE MEASURES:	Ensure ventilation or local exhaust if formation of vapor occurs. Good industrial hygiene should be followed.	

PHYSICAL & CHEMICAL PROPERTIES

THE VALUES LISTED BELOW ARE NOT PRODUCT SPECIFICATIONS:

APPEARANCE: ODOR: pH: MELTING POINT, °C: BOILING POINT, °C: FLASH POINT, °C: EVAPORATION RATE: FLAMMABILITY (Solid/Liquid): VAPOR PRESSURE @ 20°C: VAPOR DENSITY (Air=1): RELATIVE DENSITY @ 25°C, g/cm³: SOLUBILITY IN WATER @ 20°C: PARTITION COEFFICIENT: n-octanol/water: AUTO-IGNITION TEMPERATURE: DECOMPOSITION TEMPERATURE, °C: VISCOSITY @ 25°C: **EXPLOSION LIMITS: OXIDATION PROPERTIES:**

Colorless to yellowish liquid Faint, musty odor Not Applicable Approx. 4°C > 204 @ 760 mm Hg 115.6°C (Pensky-Marten Closed Cup) Not applicable **OSHA Flammability Class III-B** < 1 mm HgNot available 0.87 Insoluble Not available Not available Not available Approx. 6 mPa.s Doesn't contain explosive properties Doesn't contain oxidizing properties

	S	STABILITY & I	REACTIV	/ітү	
REACTIVITY: CHEMICAL STABILITY: CONDITIONS TO AVOID: MATERIALS TO AVOID: HAZARDOUS REACTIONS: HAZARDOUS DECOMPOSITION PRODUCTS:		Not a self-reactive substance Stable under normal temperatures and pressure Heat, flames, sparks and other sources of ignition Incompatible materials/oxidizing agents and strong bases Will not polymerize Thermal decomposition will evolve irritant vapors Thermal decomposition products: Oxides of carbon and water			
	ТΟΣ	XICOLOGICAL	INFORM	/ATION	
ACUTE TOXICITY:		LD50 (oral, rat): LD 50 (dermal): LC 50 (inhalation):		> 20,000 mg/kg body weight Not available Not available	
SKIN CORROSION/IRRITATION: EYE DAMAGE/IRRITATION: SENSITIZATION:		Not classified (rabbit) Not classified (rabbit) No evidence of skin sensitization (guinea-pig)			
STOST – SINGLE/REPEATED EXPOSURE: ASPIRATION HAZARD:		Not available Not available			
CMR EFFECTS: CARCINOGENICITY: GERM CELL MUTAGENICITY: REPRODUCTIVE TOXICITY:		Negative in AMES test Not Listed: CA Pr U.S. T CA Pr Califor		ARC, NTP, DFG or OSHA rop 65 Developmental Toxin rRI Developmental Toxin rop 65 Female Reproductive Toxin rrnia Proposition 65 Male Reproductive Toxin rRI Reproductive Toxin	
	E	COLOGICAL IN	NFORMA	TION	
ACUTE TOXICITY:	ACUTH CHRON		s LC50 Le vailable	epomis Macrochirus (fish) > 1000 mg/L	
MOBILITY IN SOIL:	Expecte	ed to have low m	obility (p	er Hazardous Substances Data Bank)	
BIODEGRADABILITY:	Readily	Biodegradable			
BIO-ACCUMULATIVE POTENTIAL:	Log Ko	w = 5.41			
OTHER ADVERSE EFFECTS:	Not ava	ailable			

DISPOSAL CONSIDERATIONS

Disposal methods should be in accordance with local / regional / national / international regulations

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TRANSPORT INFORMATION UN MODEL REGUALTION: Not classified LAND TRANSPORT ADR/RID/ADN: Not classified AIR TRANSPORT ICAO-TI and IATA-DGR: Not classified MARITIME TRANSPORT IMDG: Not classified U.S. DOT INFORMATION: Not classified BULK TRANSPORT: ANNEX II OF MARPOL 73/78: Fatty Acid Methyl Esters (m) Name: Pollution Category: Y Ship Type: 2 **REGULATORY INFORMATION** GHS CLASSIFICATION: Not classified as hazardous material to human or environment U.S. FEDERAL REGULATIONS: No product components are listed under: SARA Section 302 (40 CFR 355)

GERMANY WATER CLASIFICATION/ WGK (Wassergefährdungsklassen):

NATIONAL CHEMICAL INVENTORY LISTING:

Europe (EINECS): USA (TSCA): Canada (DSL): Australia (AICS): Japan (ENCS): China (IECSC): Korea (ECL): Philippines (PICCS): New Zealand (NZIOC): Compliant Compliant Compliant Compliant Compliant Compliant Compliant Compliant

Number 834, Hazard Class 1 – Low hazard to waters

SARA Section311/312 (40 CFR 370.21) SARA Section 313 (40 CFR 372.65)

CERCLA (40 CFR 302.4)

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Users must make their own determination that handling, storage and use of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product.

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