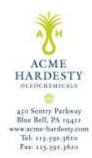
Material Safety Data Sheet



PRODUCT NAME: CASTOR WAX MP 90

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: CASTOR WAX MP 90

CAS #: 8001-78-3

DATE: November 13, 2009

DISTRIBUTOR: ACME-HARDESTY COMPANY

ADDRESS: 450 Sentry Parkway

Suite 104

Blue Bell, PA 19422

TELEPHONE: (800) 223 - 7054 FAX: (215) 591 - 3620

EMERGENCY: CHEMTREC (800) 424-9300

COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION

Triglyceride Ester of Hydrogenated Fatty Acid

Min 82% is 12-Hydroxy Stearic and Ricinoleic Acids

CONCENTRATION **CHEMICAL NAME** EC# (EINECS) CAS# R-PHRASES

Natural Glycerol Ester Triglyceride 8001-78-3 232-292-2

(Triglyceride) which is

Hydrogenated

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Castor Wax MP 80 is not a hazardous material nor does it contain any hazardous ingredients.

FIRST AID MEASURES

INGESTION: Rinse the mouth with water INHALATION: Remove to fresh air immediately. SKIN: Wash with plenty of water & soap.

EYES: Rinse with plenty of water.

EXPOLSIVE PROPERTIES:

FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Foam, carbon dioxide, water, dry chemical powder

UNSUITABLE EXTINGUISHING MEDIA: No restrictions

In case of fire, carbon monoxide & carbon dioxide can be formed.

Not required, except regular fire-fighter's equipment. SPECIAL PROTECTIVE EQUIPMET:

FLASH POINT: Above 310°C

Dust explodable

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ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear suitable respiratory protection

ENVIRONMENTAL PRECAUTIONS: None

METHODS FOR CLEAINING UP: Sweep dry and flush with water.

If melt is spilled, allow it to solidify.

HANDLING AND STORAGE

HANDLING: Avoid dust formation and away form sources of ignition.

STORAGE: Keep containers closed and in dry-shaded area, away from heat.

EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES: No specific measures required

CONTROL PARAMETERS: Limit values on inert dust: max 6 mg/m³

Biological standards

PERSONAL PROTECTION:

RESPIRATORY EQUIPMENT: Dust mask
HAND PROTECTIONS: Hand savers
EYE PROTECTION: Protective glasses

SKIN PROTECTION: None

PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE: White flakes or powder ODOR: Like hardened vegetable oil

pH: Neutral
BOILING POINT / BOILING RANGE: Above 300°C
MELTING POINT / MELTING RANGE: 86 – 88°C
FLASH POINT: Above 310°C

FLAMMABILITY (SOLID/GAS): None AUTO-FLAMMABILITY: None

EXPOLSIVE PROPERTIES: Dust explodable

OXIDIZING PROPERTIES: None

VAPOR PRESSURE: Not Applicable RELATIVE DENSITY: About 0.99 @ 25°C

SOLUBILITY:

WATER SOLUBILITY: Insoluble

FAT SOLUBILITY:

PARTITION COEFFICIENT: Insoluble in most organic solvents at room temperature

n-octanol/water Not applicable

STABILITY / REACTIVITY

CONDITIONS TO AVOID: Temperature more than 75°C leads to melting

IMATERIALS TO AVOID: Keep away from oxidizing materials

HAZARDOUS DECOMP PROD: None if handled & stored according to prescription

MATERIAL SAFETY DATA SHEET CASTOR WAX MP 80 Page 3 of 3

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TOXICOLOGICAL INFORMATION Expected LD50 orl-rate > 5000 mg/kg based on data taken from similar product ECOLOGICAL INFORMATION				
			MOBILITY: DEGRADABILITY: ACCUMULATION: ECOTOXICITY SHORT/LONG TERM EFFECTS: OTHER ADVERSE EFFECTS:	Not determined Readily biodegradable Minimum degradability is 60% BSB30/CSB resp. 70% DOC Acute fish toxicity LCO > 100 mg/L Bacteria toxicity ECO > 100 mg/L None
			DIS	POSABLE CONSIDERATIONS
Can be land-filled together with household refuse in	accordance with the regulations			
TRAN	NSPORTATION INFORMATION			
Not classified as hazardous (UN Hazard Code: NR)				
RE	GULATORY INFORMATION			
According to EEC Council Directive, it is not a dang	erous substance, but suitable precautions of handling chemicals should be taken.			
It is registered with the following:				
EINIEGG (222, 202, 2)				

EINECS (232-292-2)

AICS ENCS

DSL

ECL

TSCA

The data herein are based on our current knowledge and believed to be reliable. Acme-Hardesty Co., provides this information without any representation or warranty, expressed or implied, regarding its accuracy or correctness.

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.