

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

CHEMICAL NAME	CAS#	CONCENTRATION	EC# (EINECS)	R-PHRASES
Triglyceride	8001-78-3	Natural Glycerol Ester (Triglyceride) which is Hydrogenated	232-292-2	----

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.

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.

SPECIAL PROTECTIVE EQUIPMENT: Not required, except regular fire-fighter's equipment.
FLASH POINT: Above 310°C
EXPLOSIVE PROPERTIES: Dust explodable

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear suitable respiratory protection
ENVIRONMENTAL PRECAUTIONS: None
METHODS FOR CLEANING UP: Sweep dry and flush with water.
If melt is spilled, allow it to solidify.

HANDLING AND STORAGE

HANDLING: Avoid dust formation and away from 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
EXPLOSIVE 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

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TOXICOLOGICAL INFORMATION

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Expected LD50 orl-rate > 5000 mg/kg based on data taken from similar product

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ECOLOGICAL INFORMATION

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MOBILITY:	Not determined
DEGRADABILITY:	Readily biodegradable
ACCUMULATION:	Minimum degradability is 60% BSB30/CSB resp. 70% DOC
ECOTOXICITY SHORT/LONG TERM EFFECTS:	Acute fish toxicity LCO > 100 mg/L Bacteria toxicity ECO > 100 mg/L
OTHER ADVERSE EFFECTS:	None

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DISPOSABLE CONSIDERATIONS

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Can be land-filled together with household refuse in accordance with the regulations

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TRANSPORTATION INFORMATION

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Not classified as hazardous (UN Hazard Code: NR)

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REGULATORY INFORMATION

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According to EEC Council Directive, it is not a dangerous substance, but suitable precautions of handling chemicals should be taken.

It is registered with the following:

- 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.