

# Material Safety Data Sheet



**PRODUCT NAME: DEHYDRATED CASTOR OIL**

## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: DEHYDRATED CASTOR OIL  
CAS #: 64147-40-6  
DATE: January 5, 2012

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: Triglyceride Ester of Fatty Acids about 80% to 90% is Linoleic Acid by GLC.

CAS#	CHEMICAL NAME
64147-40-6	Triglyceride – Natural Glycerol Ester (Triglyceride) which is dehydrated

## HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Dehydrated Castor Oil is not a hazardous material nor does it contain any hazardous ingredients.

## FIRST AID MEASURES

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

## FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Foam, carbon dioxide, water, dry chemical powder  
UNSUITABLE MEDIA: No restrictions.  
PROTECTIVE EQUIPMENT: Not required, except regular fire-fighters equipment and self-contained breathing apparatus.

## ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear suitable eye protective goggles  
ENVIRONMENTAL PRECAUTIONS: None.  
METHODS FOR CLEAN UP: Sweep dry and flush with water and detergent.

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HANDLING & STORAGE

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HANDLING: Avoid contact with oxidizing materials and ignition sources.  
STORAGE: Keep containers closed and in dry shaded area, away from heat.

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EXPOSURE CONTROLS / PERSONAL PROTECTION

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ENGINEERING MEASURES: No special measures required.  
CONTROL PARAMETERS: None

PERSONAL PROTECTION: Usual as taken for handling chemicals  
RESPIRATORY: Not required  
HAND: Hand savers.  
EYES: Protective glasses.  
SKIN: None.

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PHYSICAL/CHEMICAL PROPERTIES

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APPEARANCE AND ODOR: Yellowish oily liquid  
ODOR: Faint typical vegetable oil odor  
pH: Not applicable  
BOILING POINT, °C: >300  
MELTING POINT, °C: ---  
FLASH POINT, °C: > 285 (PMCC)  
FLAMMABILITY: None  
AUTO FLAMMABILITY: None  
EXPLOSIVE PROPERTIES: None  
OXIDIZING PROPERTIES: Avoid contact with oxidizing materials  
VAPOR PRESSURE: Not applicable  
RELATIVE DENSITY: About 0.92 @ 25°C  
SOLUBILITY:  
WATER: Insoluble  
FAT: Soluble  
SOLVENT OIL TO BE SPECIFIED: Soluble in most organic solvents at room temperatures.  
PARTITION COEFFICIENT N-OCTANOL/WATER: Not determined  
OTHER DATA: Vapors heavier than air, evaporation slower than ether, Viscosity about 200 centistokes @ 25°C

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STABILITY & REACTIVITY

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CONDITIONS TO AVOID: Stable, however keep away from oxidizing materials and ignition sources  
MATERIALS TO AVOID: Oxidizing materials contact  
HAZARDOUS DECOMPOSITION: Products of incomplete combustion may include CO, CO<sub>2</sub> and heavy smoke.

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TOXICOLOGICAL INFORMATION

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Expected LD<sub>50</sub> oral rat >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 biodegradability is 60% BSB30/CSB resp. 70% DOC

SHORT AND LONG TERM EFFECTS ON ECOTOXICITY:

Acute fish toxicity LCO > 100 mg/L

Bacteria toxicity ECO > 100 mg/L

OTHER ADVERSE EFFECTS: None

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DISPOSAL CONSIDERATIONS

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Can be land-filled together with household refuse, in accordance with local regulations.

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TRANSPORT INFORMATION

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Not classified as hazardous.

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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 EINECS, TSCA, DSL, MITI, AICS.

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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.