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.
HANDLING & STORAGE

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

EXPOSURE CONTROLS / PERSONAL PROTECTION

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

PERSONAL PROTECTION:
- RESPIRATORY: Not required
- HAND: Hand savers.
- EYES: Protective glasses.
- SKIN: None.

PHYSICAL/CHEMICAL PROPERTIES

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

STABILITY & REACTIVITY

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, CO2 and heavy smoke.

TOXICOLOGICAL INFORMATION

Expected LD50 oral rat >5000 mg/kg based on data taken from similar product.
ECOLOGICAL INFORMATION

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

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

TRANSPORT INFORMATION
Not classified as hazardous.

REGULATORY INFORMATION
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.