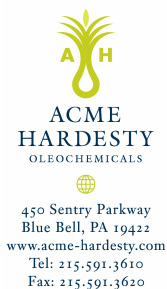


# Material Safety Data Sheet



PRODUCT NAME: SD CASTOR OIL

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## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

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TRADE NAME: SD CASTOR OIL  
CAS #: 8001-79-4  
DATE : March 27, 2008

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

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## HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

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## FIRST AID MEASURES

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

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## FIRE FIGHTING MEASURES

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EXTINGUISHING MEDIA: Foam, carbon dioxide, water, dry chemical powder  
UNSUITABLE MEDIA: No restrictions. In case of fire, carbon monoxide and carbon dioxide can be formed.  
PROTECTIVE EQUIPMENT: Not required, except regular fir-fighters equipment.

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## ACCIDENTAL RELEASE MEASURES

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PERSONAL PRECAUTIONS: None.  
ENVIRONMENTAL PRECAUTIONS: None.  
METHODS FOR CLEAN UP: Soak up spill with sand or earth and detergent.

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HANDLING & STORAGE

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HANDLING: Keep away from sources of ignition.  
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: Not available.

PERSONAL PROTECTION: Usual as taken for handling chemicals  
RESPIRATORY: None.  
HAND: Hand savers.  
EYES: Protective glasses.  
SKIN: None.

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PHYSICAL/CHEMICAL PROPERTIES

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APPEARANCE AND ODOR: Yellowish, viscous liquid  
ODOR: Like vegetable oil  
pH: Not applicable  
BOILING POINT @ 10mm Hg, °C: >300  
MELTING POINT, °C: Not applicable  
FLASH POINT, °C: > 300 (COC)  
FLAMMABILITY: None  
AUTO FLAMMABILITY: None  
EXPLOSIVE PROPERTIES: None  
OXIDIZING PROPERTIES: None  
VAPOR PRESSURE: Not applicable  
RELATIVE DENSITY: About 0.95 @ 25°C  
SOLUBILITY:  
WATER: Insoluble  
OIL: Soluble in ethanol at room temperatures.  
PARTITION COEFFICIENT N-OCTANOL/WATER: Not applicable  
VISCOSITY @ 25°C: About 600 – 800 cst

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STABILITY & REACTIVITY

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CONDITIONS TO AVOID: Keep away from oxidizing materials.  
MATERIALS TO AVOID: Oxidizing materials and sources of ignition.  
HAZARDOUS DECOMPOSITION: None if handled and stored according to prescription.

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TOXICOLOGICAL INFORMATION

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

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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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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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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.