

# Material Safety Data Sheet



**PRODUCT NAME: CASTOR OIL – SD SPECIAL DRIED**

## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: CASTOR OIL – SD SPECIAL DRIED  
CAS #: 8001-79-4  
DATE : March 21, 2013

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

## HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

## FIRST AID MEASURES

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

## FIRE FIGHTING MEASURES

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.

## ACCIDENTAL RELEASE MEASURES

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.

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OTHER INFORMATION

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**HMIS** Information: Health: 0  
Flammability: 1  
Reactivity: 0

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.