



ACME
HARDESTY
OLEOCHEMICALS

450 Sentry Parkway
Blue Bell, PA 19422
www.acme-hardesty.com
Tel: 215.591.3610
Fax: 215.591.3620

Material Safety Data Sheet

PRODUCT NAME: HYDROGENATED CASTOR OIL

IDENTIFICATION AND DISTRIBUTOR INFORMATION

TRADE NAME: HYDROGENATED CASTOR OIL
CAS #: 8001-78-3
EINECS #: 232-292-2
DATE: February 26, 2009

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

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

PHYSICAL & CHEMICAL HAZARDS: Heating may form flammable.
Risk of explosion by static electricity.

FIRST-AID MEASURES

EYE CONTACT: Gently rinse the affected eyes with clean water for at least 15 minutes.
Arrange for transport to the nearest medical facility examination and treatment by a physician as soon as possible.

SKIN CONTACT: Remove all contaminated clothing, shoes and socks from the affected area as quickly as possible.
Wash using a mild soap.
If irritation persists, arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

INHALATION: Remove the victim from the contamination immediately to fresh air.
If breathing is weak, irregular or has stopped, open his airway, loosen his collar and belt and administer artificial respiration.
Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

INGESTION: Rinse mouth with water.
Give the person one or two cups of water, try to get the victim to vomit by having the victim touch the back of their throat with a finger.
Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

FIRE –FIGHTING MEASURES

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: Firefighters should wear proper protective equipment.
Keep personnel remove from and upwind of fire.
Move container from fire areas if it can be done without risk.

ACCIDENTAL RELEASE MEASURES

Evacuate non essential personnel.
Wear proper protective equipment.
Shut off all sources of ignition.
No flares, smoking or flames in area.
Do not wash away into sewer or waterway.
Sweep up, place in a bag and hold for waste disposal.

HANDLING AND STORAGE

HANDLING: Avoid contact with skin or eyes.
Wear proper protective equipment.
Avoid rough handling or dropping.
Practice good personal hygiene after using this material, especially before eating, drinking, smoking or using a toilet.

STORAGE: Storage in a cool and well-ventilated location.

EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES: Use only with adequate ventilation and in closed systems. Make available emergency over and eye wash in the work area.

PERSONAL PROTECTION: Usual as taken for handling chemicals.

RESPIRATORY EQUIPMENT: Wear filter respirator or dust mask

HAND / SKIN PROTECTION: To prevent any contact, wear protective clothing such as gloves, apron, boots and proper suits.

PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE:	White flakes or powder
ODOR:	Like hardened vegetable oil
pH:	Not applicable
BOILING POINT, °F:	>300
MELTING RANGE, °C:	82 – 87
FLASH POINT, °C:	>310
SPECIFIC GRAVITY:	0.93 @ 25°C
BULK DENSITY:	0.54 g/cm ³
RELATIVE DENSITY @ 25°C:	About 0.99
SOLUBILITY:	
WATER:	Insoluble
ORGANIC SOLVENTS:	Soluble in Ether, Chloroform, petroleum benzene.

STABILITY AND REACTIVITY

FLASH POINT:	304°C (Cleveland open-cup)
AUTOIGNITION TEMP:	335°C
FLAMMABILITY:	Heating may cause fire.
DUST EXPLOSIVES:	Risk of dust explosion by static electricity.
STABILITY:	This product is considered a stable material under normal and anticipated storage and handling conditions.

TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Oral LD50 (rat) more than 35.8 g/kg
OTHERS:	No data

ECOLOGICAL INFORMATION

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

DISPOSABLE CONSIDERATIONS

Dissolve or mix the product with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

TRANSPORTATION 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.

INVENTORY STATUS:

TSCA-CSI (USA),
EINECS (EC),
DSL (Canada),
AICS (Australia)
MITI (Japan),
Korea,
Philippines and
China.

HAZARD RATINGS

CERCLA RATINGS:

HEALTH: 0 FIRE: 1 REACTIVITY: 0

NFPA RATINGS:

HEALTH: 0 FIRE: 1 REACTIVITY: 0

HMIS RATINGS:

HEALTH: 0 FIRE: 1 REACTIVITY: 0

OTHER INFORMATION

“Not Listed on CA Prop 65”