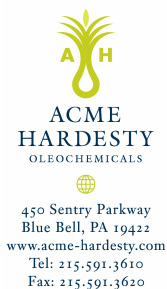


Material Safety Data Sheet



PRODUCT NAME: BLOWN CASTOR OIL

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: BLOWN CASTOR OIL
CAS#: 68187-84-8
DATE: March 26, 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

COMPOSITION INFORMATION

COMPOSITION	CHEMICAL NAME	CONCENTRATION	R-PHRASES
Oxidized Triglyceride Ester of Fatty acids	Polymerized Triglyceride	Polymerized Castor Oil (Oxidized Triglyceride)	----

HAZARDS IDENTIFICATION

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

TYPICAL PHYSICAL PROPERTIES

APPEARANCE: Amber viscous liquid
ODOR: Like vegetable oil
pH: Not Applicable
BOILING POINT / BOILING RANGE: Not determined
MELTING POINT / MELTING RANGE: Not applicable
FLASH POINT: Above 205°C (PMCC)
FLAMMABILITY (Solid, Gas): None
AUTO-FLAMMABILITY: AIT – 445°C
EXPLOSIVE PROPERTIES: None
OXIDIZING PROPERTIES: None
VAPOR PRESSURE: Not Applicable
RELATIVE DENSITY: About 0.99 at 25°C
SOLUBILITY:
 WATER SOLUBILITY: Insoluble
 FAT SOLUBILITY: (Solvent Oil to be Specified)
PARTITION COEFFICIENT:
 N-OCTANOL/WATER: Not Determined

FIRST AID MEASURES

INGESTION: Rinse the mouth
SKIN: Wash with plenty of water & soap
EYES: Rinse with plenty of water

If irritation develops, consult a physician.

FIRE FIGHTING INFORMATION

HAZARDS: In case of fire, carbon monoxide & carbon dioxide can be formed
EXTINGUISHING MEDIA: Carbon dioxide, Dry Chemicals. Water or foam may cause frothing.
UNSUITABLE EXTINGUISHING MEDIA: No restrictions
SPECIAL PROTECTIVE EQUIPMENT: Not required, except regular fire-fighters equipment

ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION: None
ENVIRONMENTAL PRECAUTIONS: Dike then spill to prevent entry into water system
CLEAN-UP METHODS: Soap up spill with sand or earth & detergent

FIRE EXPLOSIVE PROPERTIES

FLASH POINT (PMCC): Above 205°C
FLAMMABILITY (Solid, Gas): None
AUTO-FLAMMABILITY: AIT – 445°C

STABILITY / REACTIVITY INFORMATION

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

EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES: No special measures required
CONTROL PARAMETERS: Not available

PERSONAL PROTECTION:

RESPIRATORY EQUIPMENT: None
HANDS: Hand Savers/Gloves
EYE: Protective Glasses
SKIN: None

HANDLING AND STORAGE

HANDLING: Keep away from sources of ignition
STORAGE: Keep containers closed and in dry shaded area, away from heat

TOXICOLOGICAL INFORMATION

Expected LD50 oral-rate > 5000 mg/kg based on data taken from similar product

CHEMICAL LISTED AS A CARCINOGEN:

National Toxicology Program (NTP):	No
IARC Monographs:	No
Proposition 65:	No

ECOLOGICAL INFORMATION

MOBILITY:	Not Determined
DEGRADABILITY:	Not Determined
ACCUMULATION:	Not Determined
ECOTOXICITY SHORT & LONG TERM EFFECTS:	Acute fish toxicity LCO > 100 mg/L
OTHER ADVERSE EFFECTS:	None

DISPOSAL CONSIDERATIONS

Can be land filled together with household refuse, in accordance with the 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. This material is not listed by EPA to be carcinogenic or a possible carcinogen; neither is it listed on the NTP, IARC, nor the State of California Proposition 65 lists.