



ACME  
HARDESTY  
OLEOCHEMICALS

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# Material Safety Data Sheet

PRODUCT NAME: RUBBER GRADE STEARIC ACID 60R

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## IDENTIFICATION AND DISTRIBUTOR INFORMATION

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TRADE NAME: RUBBER GRADE STEARIC ACID 60R  
CAS #: 57-11-4  
EINECS #: 2003134  
MITI #: 2-608  
DATE: March 31, 2008

DISTRIBUTOR: ACME-HARDESTY COMPANY  
ADDRESS: 450 Sentry Parkway  
Blue Bell, PA 19422

TELEPHONE: (866) 226 – 3834  
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EMERGENCY: CHEMTREC (800) 424-9300

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## HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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GENERAL: Limited toxicity data is available on this specific product; this health hazard assessment is based on the results of screening tests.

### EMERGENCY OVERVIEW:

Appearance: White Solid; Faint Odor

EXCESSIVE INHALATION EXPOSURE MAY CAUSE IRRITATION OF RESPIRATORY PASSAGES. MAY BE HARMFUL IF SWALLOWED. MAY FORM EXPLOSIVE DUST CLOUDS IN AIR.

ROUTES OF EXPOSURE: Eye contact; Skin contact; Inhalation

### SYMPTOMS OF OVEREXPOSURE (ACUTE AND CHRONIC):

EYE CONTACT: No irritation is likely to develop following contact with human eyes.

SKIN CONTACT: No irritation is likely to develop following contact with human skin. This product will probably not be absorbed through human skin.

INHALATION: High concentrations of dusts or particulates may irritate respiratory passages. No toxic effects are known to be associated with inhalation of this material.

INGESTION: This materials not likely to cause irritation upon ingestion. This material may be harmful if swallowed.

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## FIRST AID MEASURES

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EYES: Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel.

SKIN: Wash material off of the skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention.

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FIRST AID MEASURES, cont.

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INGESTION: DO NOT INDUCE VOMITING. Give one or two glasses of water to drink and refer to medical personnel or take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.

INHALATION: Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

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FIRE & EXPLOSION HAZARD DATA

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FLASH POINT (method): 365°F, 180°C (COC)  
AUTOIGNITION TEMP: 662°F, 350°C  
FLAMMABLE LIMITS: No data.

EXTINGUISHING MEDIA:

Water fog, alcohol foam, carbon dioxide, dry chemical, halogenated agents.

SPECIAL FIRE FIGHTING PROCEDURES:

Self-contained breathing apparatus with full face piece and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

This product may form explosive dust clouds in the air.

EXPLOSION DATA:

Sensitivity to mechanical impact: No data.  
Sensitivity to static discharge: No data.

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ACCIDENTAL RELEASE MEASURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Sweep up and recover or mix material with a moist absorbent and shovel into a chemical waster container.  
Wash residue from spill area with water containing detergent and flush to a sewer serviced by a permitted waster water treatment facility.

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HANDLING AND STORAGE

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STORAGE REQUIREMENTS: 50-90°F in original closed container.

PRECAUTIONS TO TAKE DURING HANDLING AND STORAGE:

Follow procedures specified in the National Fire Protection Association Codes and Standards for handling combustible dusts.  
Maintain good housekeeping to avoid dust buildup. Avoid breathing this material. Do not swallow. Normal chemical handling and storage.

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EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE LIMITS: No ACGIH TLV or OSHA PEL assigned. Minimize exposure in accordance with good hygiene practice.

ENGINEERING CONTROLS: Use ventilation adequate to maintain safe levels.

EYE PROTECTION: Safety glasses with side shields.

PROTECTIVE CLOTHING: Impervious gloves.

RESPIRATORY PROTECTION: Not normally needed if controls are adequate.

OTHER PROTECTIVE EQUIPMENT: Eyewash and safety shower easily accessible to the work area.

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STABILITY AND REACTIVITY

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STABILITY: Stable under normal conditions.  
INCOMPATIBILITY: Oxidizing agents.  
CONDITIONS TO AVOID: None known  
HAZARDOUS POLYMERIZATION: Will not occur  
HAZARDOUS DECOMPOSITION PRODUCTS: Combustion Products: Carbon dioxide, carbon monoxide

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PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE & ODOR: White solid; Faint odor  
ODOR THRESHOLD: No data  
BOILING POINT: 401-437°F, 205-225°C  
MELTING POINT: 131°F, 55°C  
VAPOR PRESSURE (mm Hg@ 20°C): <0.1 hPa  
VAPOR DENSITY (air=1): No data  
SOLUBILITY IN WATER: Insoluble  
pH: No data  
SPECIFIC GRAVITY: 0.84  
CLOUD POINT: No data  
% VOLATILE BY VOLUME: No data  
VISCOSITY (65°C): 10 mPa.s  
PARTITION COEFFICIENT: >3 (estimated)  
COEFFICIENT OF WATER/OIL DISTRIBUTION: No data  
FREEZING POINT: 131°F, 55°C

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TOXICOLOGICAL INFORMATION

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The toxicity data listed below are based on the results of screening tests on this specific product.

EYE CONTACT:

This material is nonirritating in rabbit eye irritation studies; no irritation is likely to occur after human eye contact.

SKIN CONTACT:

This material is nonirritating in rabbit dermal irritation studies. No irritation is likely to develop following contact with human skin. This material was not a skin sensitizer in animal testing. The potential is low for developing sensitization following contact with human skin.

ACUTE ORAL TOXICITY:

This material is classified as "slightly toxic" by ingestion.

CARCINOGENICITY:

This material is not listed as a carcinogen by OSHA, IARC, and NTP.

REPRODUCTIVE TOXICITY/TERATOGENICITY:

No available information.

MUTAGENICITY:

No available information

TOXICOLOGICALLY SYNERGISTIC PRODUCTS:

None known.

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ECOLOGICAL INFORMATION

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The ecological information listed below is based on the results of screening tests.

PERSISTENCE AND DEGRADATION:

This product is readily biodegradable (according to the modified Sturm test)

TOXICITY:

Not harmful to aquatic organisms.

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DISPOSAL CONSIDERATIONS

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DISPOSAL METHOD:

Discarded product is not a hazardous waster under RCRA, 40 CFR 261

CONTAINER DISPOSAL:

Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue from container and puncture or otherwise destroy empty container before disposal.

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TRANSPORT INFORMATION

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Is this component regulated for transport under DOT, TDG, IATA, or IMDG? No

UN#: Not applicable

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REGULATORY INFORMATION

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CHEMICAL INVENTORY STATUS:

TSCA (USA): Yes  
EINECS (EUROPE): Yes  
DSL (CANADA): Yes  
NDSL (CANADA): No  
AICS (AUSTRALIA): Yes  
TITI, ENCS (JAPAN): Yes  
ECL (KOREA): Yes  
PICCS (PHILLIPINES): Yes  
IECSC (CHINA): Yes  
NEW ZEALAND: No

TSCA	Is any component subject to TSCA 12(b) notification?	No	
SARA	Is any component SARA 313 reportable?	No	
CERCLA	Is any component reportable under CERCLA or Extremely Hazardous Substances?	No	No
OSHA	Is this material considered hazardous under OSHA?	No	
RCRA	Is this material considered a hazardous waste under RCRA?	No	
CLEAR AIR ACT:	Is any component considered a VOC under Section 111 of the Clean Air Act?	No	No
	Is any component a listed Hazardous Air Pollutant under Section 112?		

STATE RIGHT TO KNOW:

CALIFORNIA PROP 65:

Is any component reportable as a carcinogen or reproductive toxin? No

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OTHER INFORMATION

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We assigned NFPA ratings and HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment is provided with information contained in the product MSDS.

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