

## Material Safety Data Sheet

PRODUCT NAME: RUBBER GRADE STEARIC ACID 60R

### CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: RUBBER GRADE STEARIC ACID 60R

DATE: May 27, 2005

CAS #: 57-11-4

EINECS #: 2003134

MITI #: 2-608

DISTRIBUTOR: HB Chemical

ADDRESS: 140 E. Ascot Ln.

Cuyahoga Falls, Ohio 44223

TELEPHONE: (800) 991-2436

FAX: 330-920-0971

EMERGENCY: CHEMTREC (800) 424-9300

### HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

### FIRST AID MEASURES

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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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 facepiece 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.

Corporate Office:  
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Cuyahoga Falls, Oh 44223

Tel. 330-920-8023  
Fax 330-920-0971

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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

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

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

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The information presented herein, while not guaranteed, was prepared by technically knowledgeable personnel and to the best of our knowledge is true and accurate. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other or additional considerations. Most information was copied from the MSDS provided to us by ACME Hardesty.

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