

# Material Safety Data Sheet

PRODUCT NAME: RUBBER GRADE STEARIC ACID VEGETABLE BASED

## IDENTIFICATION AND DISTRIBUTOR INFORMATION

TRADE NAME: RUBBER GRADE STEARIC ACID VEGETABLE BASED  
CAS #: 57-11-4  
EINECS#: 2003134  
DATE: March 31, 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 ON INGREDIENTS

CHEMICAL NAME:	CAS#	PROPORTION	EXPOSURE LIMIT	TOXICITY DATE
DODECANOIC ACID+	68440-15-3	N/A	N/A	LD50 (oral, rat)
TETRADECANOIC ACID+				
HEXADECANOIC ACID+				
OCTADECANOIC ACID+				
OCTADECENOIC ACID				

## HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

MOST IMPORTANT HAZARDS: Combustible

## PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE: White to yellowish solids  
ODOR: Faint fatty odor  
SOLUBILITY: Soluble in ethanol, ether and most organic solvents  
BOILING POINT, °C: 298.0 – 365.2  
MELTING POINT, °C: 55 – 60  
VAPOR PRESSURE (mm of Hg @ 75°C): <1.0  
% VOLATILES: Not known  
EVAPORATION RATE: Not known  
VAPOUR DENSITY: Not known  
DENSITY, g/ml @ 75°C: 0.85  
FLASH POINT: >200°C  
AUTOIGNITION TEMPERATURE: >250°C  
FLAMMABLE LIMIT (%): Not known  
OTHER PROPERTIES: Not applicable

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FIRST AID MEASURES

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INGESTION: Rinse mouth, drink plenty of water, see physician. Do not give anything by mouth to an unconscious person.  
EYE CONTACT: Flush with water; take to a doctor if necessary.  
SKIN CONTACT: Remove contaminated clothing, flush skin with water or shower, take to a doctor if necessary.  
INHALATION: Remove to fresh air. If suffocation is serious take to a doctor.  
NOTES TO DOCTOR: There is no antidote; use supportive care

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FIRE FIGHTING MEASURES

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EXTINGUISHING MEDIA: Dry powder, carbon dioxide, foam or water  
FIRE FIGHTING INSTRUCTION: No special instruction  
SPECIAL HAZARDS: Liquid product may have temperature exceeding 50°C

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ACCIDENTAL RELEASE MEASURE

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LEAK / SPILL: Collect leakage in sealable containers, soak up with sand or other inert absorbent and remove to safe place. Wash site with sodium bicarbonate solution or ash soda. Wipe to clean. Can also allow spillage to solidify, and then shovel into containers. Clean up area immediately.

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HANDLING AND STORAGE

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HANDLING: To use gloves and wear goggles when handling.  
STORAGE: Keep in a cool and dry place, avoid extreme heat and cold. Store in clean, dry preferable stainless steel vessels. In bulk, store at above melting point. Temperature higher than necessary degrades quality at rates dependent on time and temperature of exposure. Exposure to ultraviolet light, especially sunlight must be minimized to prevent quality loss.

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EXPOSURE CONTROL AND PERSONAL PROTECTION

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EXPOSURE LIMIT: Not known  
ENGINEERING MEASURES: No special engineering requirements  
PERSONAL PROTECTION: Wear protective goggles, face shield and rubber gloves.

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REACTIVITY DATA

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CONDITIONS TO AVOID: Avoid direct fire, strong oxidizers/alkalis  
INCOMPATIBLES: Strong oxidants  
DECOMPOSITION PRODUCTS: Carbon, carbon dioxide and carbon monoxide  
HAZARDOUS POLYMERIZATION: Not known

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DISPOSAL INFORMATION

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Disposal method in accordance with all applicable national environmental laws and regulations

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ECOLOGICAL INFORMATION

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MOBILITY: Not known.  
BIOACCUMULATION: Not known  
BIODEGRADABILITY: Biodegradable  
AQUATIC TOXICITY: Acute Fish toxicity: LC50 > 100 mg/liter

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TOXICOLOGICAL INFORMATION

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TOXICITY DATA: LD50 (oral, rat)=>10000mg/kg  
CARCINOGENICITY: None  
REPRODUCTIVE EFFECT: No harmful effects expected  
EFFECTS OF OVEREXPOSURE: No harmful effects expected  
CHRONIC EFFECTS: No harmful effects expected  
TARGET ORGANS: Not applicable  
MEDICAL CONDITIONS GENERALLY  
AGGRAVATED BY EXPOSURE: No special requirements

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TRANSPORT INFORMATION

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Not a hazardous material according to RID/ADR, GGVS/GGVE, ADNR, IMDG, ICAO-TI/IATA-DGR

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REGULATORY INFORMATION

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Palm Kernel / Palm based blended fatty acids is classified under non-hazardous chemical

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OTHER INFORMATION

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Always work safely around open hatches on bulk tanks. The low density makes flotation difficult for immersed person.

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

“Not Listed on CA Prop 65”