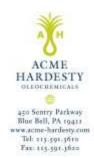
Material Safety Data Sheet



PRODUCT NAME: STEARIC ACID 50NF

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: STEARIC ACID 50 NF

CAS #: 57-11-4 EINECS#; 200-313-4 DATE: June 14, 2013

DISTRIBUTOR: ACME-HARDESTY CO. 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

90 min

Hexadecanoic (C16) + Octadecanoic (C18)

SYNONYM: Triple Pressed Stearic Acid

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Special hazards for man and environment:

None

FIRST AID MEASURES

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: Not relevant.

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry powder, carbon dioxide or foam, water spray jet SPECIAL HAZARD: Liquid product may have temperature exceeding 50°C

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ACCIDENTAL RELEASE MEASURE

PERSONAL PRECAUTIONS: Avoid contact with skin and eyes.

ENVIRONMENT PRECAUTIONS: Do not allow to flow into drainage system.

CLEAN-UP METHODS: 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 soda ash. Spillage may be allowed to solidify; then shovel into containers.

Clean up area immediately.

HANDLING AND STORAGE

HANDLING: Avoid open flames.

Use gloves and wear goggle when handling.

Always work safely around open hatches on bulk tanks.

The low density makes floatation difficult for immersed person.

STORAGE: Keep in a cool and dry place, avoid extreme heat and cold.

Store in a clean, dry, preferably stainless steel vessel.

In bulk, store at about 5-10°C above melting point or at ambient temperature.

Temperature higher than necessary degrades quality at rates dependent on time and temperature of exposure.

EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE LIMIT: Not applicable

INDUSTRIAL HYGIENE: Normal standard of industrial hygiene to be observed

PERSONAL PROTECTIVE EQUIPMENT:

HAND/SKIN PROTECTION: Use rubber gloves

EYE PROTECTION: Wear approved safety goggles and face shield

PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE: Waxy, white crystalline solid ODOR: Slight bland-like odor

SOLUBILITY: Soluble in ethanol, ether and most organic solvents

Insoluble in water (20°C)

BOILING POINT, °C: >300 MELTING POINT, °C 55 - 60VAPOR PRESSURE (mm of Hg @ 131°C): <1.0 % VOLATILES: Not known **EVAPORATION RATE:** Not known VAPOUR DENSITY: Not known DENSITY, g/ml @ 75°C: 0.85 FLASH POINT, °C (Pensky-Kartens Closed Cup): >200°C AUTO-IGNITION TEMPERATURE, °C: >250°C

VISCOSITY, mPa.s @ 65°C: 8.04

MOLAR MASS: 256.4 – 284.5

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STABILITY AND REACTIVITY CONDITIONS TO AVOID: Avoid direct fire. MATERIALS TO BE AVOIDED: None known if used for its intended purpose. **DECOMPOSITION PRODUCTS:** None known if used for its intended purpose. DISPOSAL INFORMATION Disposal method in accordance with all applicable notional environment laws and regulations TOXICOLOGICAL INFORMATION ______ TOXICITY DATA: LD 50 (oral, rat) = 10000 mg/kgCARCINOGENICITY: None REPRODUCTIVE EFFECTS: No harmful effects expected No harmful effects expected EFFECT OF OVER-EXPOSURE: **CHRONIC EFFECTS:** No harmful effects expected **TARGET ORGANS:** Not Applicable MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No special requirements. **ECOLOGICAL INFORMATION** ECOTOXICITY: Acute fish toxicity: LC 50 > 100mg product/liter Acute bacteria toxicity: EC 50 > 100mg product/liter **BIODEGRADABILITY:** Biodegradable TRANSPORT INFORMATION Not a hazardous material according to RID/ADR, GGVS/GGVE, ADNR, IMDG, ICAO-TI / IATA-DGR REGULATORY INFORMATION Palm Kernel / Palm based blended fatty acids is classified under non-hazardous chemical **EUROPEAN INFORMATION:** Based on toxicological studies I the published literature, there are no risk and safety phrases to assign this product.

All components of this product are listed on the following inventories: TSCA (Toxic Substances Control Act)

13CA (TOXIC Substances Control Act)

DSL (Canada)

EINECS/ELINCS (Europe)

AICS (Australia)

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OTHER INFORMATION

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"

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Users must make their own determination that handling, storage and use of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product.

Disposal of containers must comply with applicable federal, state and local laws and regulations. Empty containers should never be given to individuals.