



ACME
HARDESTY
OLEOCHEMICALS

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Material Safety Data Sheet

PRODUCT NAME: STEARIC ACID 65% - VEGETABLE BASED FGK

IDENTIFICATION AND DISTRIBUTOR INFORMATION

TRADE NAME: STEARIC ACID 65% - VEGETABLE BASED FGK
CAS#: 67001-02-4
EINECS# 2669264
DATE: May 29, 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

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

NOT APPLICABLE-NON HAZARDOUS

PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE: Liquid
VISCOSITY: Not applicable
BOILING POINT, °C @ 760mm Hg: >360
VAPOR DENSITY (AIR=1): Not known
% VOLATILE (by wt): Nil
EVAPORATION RATE (butyl acetate=1): Not applicable
pH: Not known
ODOR: Mild fatty
MELT/FREEZE POINT, °C: 58 - 62
VAPOR PRESSURE (mm Hg): 4 @ 209°C
SOLUBILITY IN WATER: Insoluble
SPECIFIC GRAVITY (H₂O=1): 0.85 @ 70°C

FIRE & EXPLOSION HAZARD DATA

FLASH POINT (method): 196°C COC
LEL / UEL: Not known
AUTO IGNITION TEMP: Not known
EXTINGUISHING MEDIA: Water, foam, CO₂ or Dry Chemical

FIRE & EXPLOSION HAZARD DATA, cont.

FIRE FIGHTING PROCEDURES: Must wear MSHA / NIOSH approved self-contained breathing apparatus and protective clothing.

FIRE / EXPLOSION HAZARDS: Product of combustion is toxic. Treat as hot oil or fat. If water must be used, use a fog nozzle to avoid spattering of hot material and spread of burning liquid.

HEALTH EFFECTS INFORMATION

PRIMARY ROUTES OF ENTRY: Skin contact and eye contact.

EFFECTS OF OVEREXPOSURE: No information found. Based upon information available for similar products it is anticipated that direct skin contact will not result in irritation.

EMERGENCY FIRST AID PROCEDURES:

EYES: Flush eyes with plenty of water for several minutes. Seek medical attention if irritation develops or persists.

SKIN: Wash affected areas with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops or persists.

INGESTION: If swallowed, give 3-4 glasses of water but DO NOT induce vomiting. If vomiting does occur, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person.

INHALATION: Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

CHEMICALS LISTED AS CARCINOGEN BY:

NATIONAL TOXICOLOGY PROGRAM: No
I.A.R.C. MONOGRAPHS: No
OSHA: No

REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None known

HAZARDOUS DECOMPOSITION: Thermal decomposition may produce oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None known

INCOMPATIBLE MATERIALS: Strong oxidizing agents, acid or bases

SPILL AND DISPOSAL INFORMATION

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

Caution! If wet, floors may become slippery. Wear appropriate protective gear and respiratory protection where particulates of unknown concentrations may be generated (self-contained breathing apparatus preferred for large spills.) Shovel spills into appropriate containers for disposal. To remove residue, wet with water, absorb with sand or vermiculite and place in compatible container for disposal. Keep out of sewers and open bodies of water.

WASTE DISPOSAL METHOD:

Dispose of in compliance with all Federal, state and local laws and regulations. Incineration is the preferred method.

PERSONAL PROTECTION INFORMATION

VENTILATION TYPE: In processes where dusts may be generated, proper ventilation must be provided in accordance with good ventilation practices.

RESPIRATORY PROTECTION: Where dust or particulates are generated by the process, a NIOSH / MSHA jointly approved respirator is advised in the absence of proper environmental controls.

PROTECTIVE GLOVES: None needed under normal use conditions.

EYE PROTECTION: None needed under normal use conditions.

OTHER EQUIPMENT: None needed under normal use conditions.

STORAGE & HANDLING

PRECAUTIONS FOR STORAGE AND HANDLING:

To maintain product quality, do not store in heat of direct sunlight. Keep containers closed until used.

TOXICOLOGY INFORMATION

ORAL LD50 (RAT): >5000 mg/kg
SKIN IRRITATION: (RABBIT): Non-irritant
EYE IRRITATION (RABBIT): Non-irritant

REGULATORY INFORMATION

Found on U.S. EPA TSCA Inventory.
Listed in 21 CFR 182 Subpart B as GRAS (U.S. FDA)

HAZARD CLASSIFICATION: Non-hazardous
SHIPPING NAME: No regulated
LABEL: None

HEALTH: 0
FLAMMABILITY: 1
REACTIVITY: 0

The data herein are based on our current knowledge and believed to be reliable. Acme-Hardesty Co., provides this information without any representation or warranty, expressed or implied, regarding its accuracy or correctness.

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.