

Material Safety Data Sheet

PRODUCT NAME: 90% STEARIC ACID – VEGETABLE BASED FOOD GRADE KOSHER

IDENTIFICATION AND DISTRIBUTOR INFORMATION

TRADE NAME: 90% STEARIC ACID - VEGETABLE BASED FOOD GRADE KOSHER
DATE: March 24, 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

This product is to be considered as a substance in conformance to EC directives

CHEMICAL DESCRIPTION: Stearic Acid 90% minimum

COMPOSITION

NUMBER	% W/W	CAS #	Chemical Name	
1	>=90	57-11-4	Octadecanoic Acid	
NUMBER	EEC #	Annex-1 #	Symbols	Risk-phrases
1	2003134	none	none	none

HAZARDS IDENTIFICATION

Not classified as hazardous conform EEC Dangerous Substance Directive and Dangerous Preparation Directive.

FIRST AID MEASURES

SYMPTOMS & EFFECTS: No typical symptoms and effects known.

FIRST AID:

GENERAL: The usual precautions for handling chemicals should be observed

INHALATION: This is only possible in case of exposure to HOT product. Move to fresh air, rest - half upright position loosen clothing. Seek medical advice.

SKIN: Remove contaminated clothing. Seek medical advice if irritation develops.

EYE: Rinse thoroughly with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical advice if irritation develops.

INGESTION: Not likely to occur.

ADVICE TO PHYSICIAN: No additional information available.

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Foam, dry powder, carbon dioxide
UNSUITABLE EXT. MEDIA: Water jet
SPECIAL EXPOSURE HAZARDS: Vapors cause coughing.
PROTECTIVE EQUIPMENT: The usual precautions for handling chemicals should be observed.
HAZARDOUS DECOMPOSITION: In case of thermal decomposition, acrid fumes may be formed.

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with eyes.
ENVIRONMENTAL PRECAUTIONS: Do not flush into public water courses.
METHODS FOR CLEAN UP: Collect as much as possible in a clean container for (preferable) reuse or disposal. Sweep up and put it into a container for disposal.
OTHER INFORMATION: For personal protection see Section on "Exposure Controls"

HANDLING AND STORAGE

HANDLING: The usual precautions for handling chemicals should be observed.
FIRE / EXPLOSION PREVENTION: No specific recommendations.
STORAGE REQUIREMENTS: To maintain quality: store at ambient temperatures. Avoid elevated temperatures.

EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS: The usual precautionary measures for handling chemicals should be observed.
EXPOSURE LIMITS:

PERSONAL PROTECTION:

RESPIRATORY: No specific recommendations.
HAND: No specific recommendations.
EYE: Avoid contact with eyes.
SKIN & BODY: No specific recommendations.

STABILITY AND REACTIVITY

STABILITY: No decomposition if stored and handled properly
CONDITIONS TO AVOID: None known
MATERIALS TO AVOID: None known
HAZARDOUS DECOMP. PRODUCTS: No typical hazardous decomposition products known.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: solid (25°C)
COLOR: white flake
ODOR: characteristic
BOILING POINT: >300°C
MELTING POINT: 65°C
FLASH POINT: >100°C, Pensky-Martens closed up
FLAMMABILITY: not determined
AUTOIGNITION TEMP: >300°C
EXPLOSIVE PROPERTIES: none known

PHYSICAL AND CHEMICAL PROPERTIES, cont.

EXPLOSION LIMITS: no data available
OXIDIZING PROPERTIES: none known
VAPOR PRESSURE: <1 Pa. (20°C)
DENSITY: 940 kg/m³ (20°C)
839 kg/m³ (80°C)
BULK DENSITY not relevant
SOLUBILITY IN WATER: Insoluble
SOLUBILITY IN OTHER SOLVENTS: not determined
pH VALUE not applicable
PARTITION COEFFICIENT: not determined
RELATIVE VAPOR DENSITY (air=1): not determined
VISCOSITY: 9.8 mPa.s (70°C)

TOXICOLOGICAL INFORMATION

NAME Stearic Acid, 90% minimum
ACUTE TOXICITY
Oral LD50 >10000 mg/kg (rat)

ECOLOGICAL INFORMATION

NAME Stearic Acid, 90% minimum
ECOTOXICITY
FATE Degradation Biotic Biodegradable

DISPOSAL CONSIDERATIONS

PRODUCT: Accordion to local regulations (most probably controlled incineration).
CONTAMINATED PACKAGING: According to local regulations.

TRANSPORT INFORMATION

LAND TRANSPORT

ADR class:	not restricted	ADR item number:	not relevant
RID class:	not restricted	RID item number:	not relevant
Hazard identification #:	not relevant	Substance Identification #:	not relevant
TREM-Card:	not relevant	UN number	none
Proper shipping name:	not relevant		
National Regulations:			
Other information:			

SEA TRANSPORT:

IMO/IMDG code:	not restricted	Class:	not restricted
Packing group:	not relevant	UN number:	none
EMS:	not relevant	MFAG	not relevant
Marine pollutant:	no		
Proper shipping name:	not relevant		
Other information:			

TRANSPORT INFORMATION, cont.

AIR TRANSPORT

IATA/ICAO-DGR:		UN number:	none
Class:	not restricted	Packing group:	not relevant
Proper shipping name:	not relevant		
Other information:			

REGULATORY INFORMATION

CHEMICAL DESCRIPTION: Stearic Acid, 90% minimum

LABELING ACCORDING TO EC DIRECTIVES

ANNEX-1 #:	none
SYMBOL(S)	none
R(ISK) PHRASE(S)	none
S(AFETY) PHRASE(S)	none