

FISHER SCIENTIFIC, CHEMICAL DIV. -- STEARIC ACID -- 6810-00-664-3637

===== Product Identification =====

Product ID:STEARIC ACID

MSDS Date:04/23/1993

FSC:6810

NIIN:00-664-3637

MSDS Number: BTKRJ

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100 OR 201-796-7523

Emergency Phone Num:20

1-796-7100/800-424-9300(CHEMTREC)

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

Company Name:SHAPE PRODUCTS

Address:1127 57TH AVE.

Box:City:OAKLAND

State:CA

ZIP:94621-4427

Country:US

Phone:510-534-1186 OR 800-444-0015

CAGE:3D869

===== Composition/Information on Ingredients =====

Ingred Name:STEARIC ACID

CAS:57-11-4

RTECS

#:WI2800000  
Fraction by Wt: 100%  
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) >5000 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-EYES/SKIN: MAY CAUSE IRRITATION.  
INHALATION: MAY CAUSE IRRITATION TO THE MUCOUS MEMBRANES, COUGHING  
& SORE THROAT. INGESION: LARGE DOSES MAY CAUSE NAUSEA,VOMITI  
NG &  
DIARRHEA.  
Effects of Overexposure:IRRITATION OF THE NOSE AND THROAT, COUGHING OR  
DIFFICULTY IN BREATHING. INGESTION OF LARGE AMOUNTS MAY RESULT IN  
INTESTINAL OBSTRUCTION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYE: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.  
SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND  
SHOES. GET MEDICAL ATTENTION IM  
MEDIATELY. INHALATION: REMOVE TO  
FRESH AIR. G ET MEDICAL ATTENTION IMMEDIATELY. INGESTION: GET  
MEDICAL ATTENTION IMMEDIATELY.

===== Fire Fighting Measures =====

Flash Point Method:CC  
Flash Point:385F,196C  
Autoignition Temp:Autoignition Temp Text:743F  
Extinguishing Media:CARBON DIOXIDE, REGULAR FOAM, WATER SPRAY OR DRY  
CHEMICAL.  
Fire Fighting Procedures:NO ACUTE HAZARD. MOVE CONTAINER FROM FIRE AREA  
IF POSSIBLE. AVOID BREATHING VAPORS OR DUST. K  
EEP UP WIND.  
Unusual Fire/Explosion Hazard:SLIGHT FIRE HAZARD WHEN EXPOSED TO HEAT  
OR FLAME.

===== Accidental Release Measures =====

Spill Release Procedures:NO SPECIAL PRECAUTIONS INDICATED.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORAGE-STORE IN A COOL, DRY,  
VENTILATED AREA AWAY FROM OXIDIZING MATERIALS. KEEP CONTAINER  
TIGHTLY CLOSED.  
Othe

r Precautions:GRADES OF STEARIC ACID CONTAINING UNSATURATED FATTY ACIDS MAY UNDERGO SPONTANEOUS HEAT GENERATION BY OXIDATION IN AIR.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF THE TLV IS EXCEEDED, A NIOSH APPROVED DUST/MIST RESPIRATOR MAY BE WORN UP TO TEN TIMES THE TLV. CONSULT RESPIRATOR SUPPLIER FOR DETAILS.

Ventilation:LOCAL EXHAUST VENTILATION IS RECOMMENDED.

Protective Gloves:RUBBER OR PLASTIC

Eye Protection:DUST-RESISTANT SA

FETY GOGGLES

Other Protective Equipment:EYE WASH FOUNTAIN AND QUICK-DRENCH FACILITIES IN WORK AREA

Work Hygienic Practices:WASH HANDS AFTER USING THIS MATERIAL.

Supplemental Safety and Health

NONE

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:726F,386C

Melt/Freeze Pt:M.P/F.P Text:157F,69C

Vapor Pres:1 @ 173C

Vapor Density:9.8

Spec Gravity:0.8

Solubility in Water:NEGLIGIBLE

Appearance and Odor:HARD, WHITE TO FAINTLY YELLOW, GLOSSY CRYSTALLI NE

SOLID, TALLOW-LIKE ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.

Hazardous Decomposition Products:INCLUDE TOXIC OXIDES OF CARBON

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN CONFORMITY WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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