



# MATERIAL SAFETY DATA SHEET

## STEARIC ACID

### PRODUCT IDENTIFICATION

Chemical Name	Stearic Acid
Chemical Family	Triglyceride

### HAZARDOUS INGREDIENT & OCCUPATIONAL EXPOSURE LIMITS

Ingredient	None
CAS NO.	-
%	-
Exposure Limits	

### HEALTH HAZARD DATA

Skin	Contact with skin not expected to cause serious irritation.
Eyes	Contact with eyes not expected to cause serious irritation.
Ingesting	Food Grade Oil
Inhaling	No health effects reported

### FIRST AID

On skin	Wash with soap and warm water.
In eyes	Immediately flush with large quantities of water for at least 15 minutes and contact a physician.
Ingested	No health effect reported, if gastrointestinal discomfort is encountered, Contact a physician.
Inhaled	Remove Victim to fresh air



#### EMPLOYEE PROTECTION

Respiratory	In the presence of dust, use a mask and/or respirator is recommended.
Ventilation	Local, if necessary to control dust or fumes from hot material.
Eyes	Chemical splash goggles are recommended.
Hands	Gloves

#### PHYSICAL DATA

Boiling Point	≥ 100°C
Vapour Pressure	NA
Vapour Density	Not Determined (Air = 1)
Evaporation rate	NA
Specific Gravity	~0.9 @ 100F (Water = 1)
Melting Point	58°C
Solubility	Insoluble
Viscosity	Not Determined
Appearance & Odor	Solid at 25°C

#### REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Higher than 58°C
Incompatibility to Avoid	Strong Oxidizing Agents
Hazardous Polymerization	Will not Occur
Hazardous Decomposition	None



#### FIRE & EXPLOSION DATA

Flash Point	196 °C
Flammable limits	No data available
LEL	Not Determined (Air = 1)
UEL	NA
Extinguishing Media	Dry Chemical or waterspray or waterfog, carbon dioxide, foam or sand/earth
Special Fire Fighting Procedures	None
Unusual Fire & Explosion Hazards	None

#### HANDLING AND STORAGE

##### CONDITION TO AVOID

Temperature	≥ 58 °C
Humidity	No effect
Light Exposure	No effect
Shake	No effect
Contact with other Element	Strong oxidizing agents

#### TRANSPORT INFORMATION

Dot Status	Not Hazardous
Dot Shipping Name	None
Dot Reportable Quantity	Not Applicable
Dot Packing Group	Not Applicable
HS Code	3823110000
ICAO / IATA	Not Applicable
IMDG	Not Applicable



#### ACCIDENTAL RELEASE MEASURES

In case of unexpected release or spill, please see section 5 for personal protection shovel into containers. Wash floors with detergent and rinse with hot water to prevent slipping.

#### TOXICOLOGICAL INFORMATION

Skin rabbit:>500mg/kg ; standard draize, human skin, 75mg /3D-I, mild ; standard Draize, rabbit skin, 500 mg/ 24 hr, moderate; investigated as tumorigen and mutagen

#### ECOLOGICAL INFORMATION

Environment Fact	When released into the soil on water, this material is expected to readily biodegrade.
Environmental Toxicity	Not Available

#### WASTE DISPOSAL METHOD

Incineration is the recommended disposal method for all chemical wastes. Material collected on absorbent material may be landfilled in accordance with respective applicable regulations.

#### OTHER INFORMATION

This product or components if a mixture has not been found to be a carcinogen or potential carcinogen by IARC ; is not listed in the NTP 3rd annual report, nor is it regulated by OSHA as carcinogen. The information presented herein has been compiled from source considered by the company in good faith to be dependable and is accurate and reliable to the best of our knowledge and belief. However, the company cannot make any warranty or presentation respecting the accuracy or completeness of the data and assumes no responsibility for any liability or damages relating there to or for advising you regarding the procession of your employees, customers or others. Users should make their own tests to determine the applicability of such information or suitability of such information or suitability of any products for specific use.