

SAFETY DATA SHEET

Stearic Acid

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SECTION 1: PRODUCT IDENTIFICATION

Product Name STEARIC ACID

CAS # 67701-03-5

Synonym Stearic Acid

Chemical Name

Chemical Formula No

Trade Secret

Supplier Address Level 7 Chemical 255 Sturgis Rd, Conway, AR 72034 USA

Phone 855-927-1777

Emergency Contact Chemtrec Emergency Hotline: 800-424-9300 (US and Canada)

SECTION 2: HAZARD(S) IDENTIFICATION

Classifications:

Pictograms:

Signal Word:

Hazard Statements: Not classified as a hazardous substance.

Precautionary Statements: Wash thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Percent of the mixture consisting of ingredient(s) of unknown toxicity: Not known

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Designation	Chemical Designation	% Composition
Stearic Acid	67701-03-5/266-928-5	100%

SECTION 4: FIRST AID MEASURES

Eyes: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

Skin: Immediately remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration using a pocket mask type resuscitator. Call a physician immediately.

Ingestion: Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

Fire Hazard: False

Flash Point F(C): N/A

Flammable Limits: The greatest known range is LOWER: UPPER:

Extinguishing Media: Foam
Dry Powder
CO₂

Special protective Equipment and firefighting procedures: Thermal decomposition may emit toxic fumes of carbon monoxide. Wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a

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full face-piece operated in positive pressure mode.

Unusual Fire & Explosion: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment as required.
Evacuate unnecessary personnel.

Spills / Leaks: Avoid any uncontrolled release of material. Prevent entry to sewers and public waters.
Contain and collect as a solid.
Clean up spills immediately and dispose of according to local regulation.

SECTION 7: HANDLING & STORAGE

Handling: Avoid contact with eyes, skin and clothing. Use gloves when handling. Wash thoroughly after handling.

Storage: Store in original container in dry and well-ventilated area. Do not store near possible sources of ignition. For quality reasons avoid elevated temperatures.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

OSHA Permissible Exposure Limits (PELs): Not established

Threshold Limit Values (TLVs): Not established

Engineering Controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal Protective Equipment:

Face:

Eyes: Safety Glasses

Skin: Gloves

Respiratory:

Pictograms:



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Waxy, white ellowish crystalline solids	Upper Flammability/Explosive Limit:	N/A
Odor:	Slight bland/Tallow-like odor	Lower Flammability/Explosive Limit:	N/A
Odor Threshold:	N/A	Vapor Pressure:	1.00
pH:	N/A	Vapor Density:	N/A
Melting Point F(C):	134.0° (56.7 °)	Vapor Temperature:	N/A
Freezing Point F(C):	N/A	Relative Density/Specific Gravity:	0.85
Boiling Point F(C):	572.0° (300.0°)	Solubility:	Not Water Soluble
Boiling Range:	N/A	Partition Coefficient:	7.05
Flash Point F(C):	N/A	Auto-ignition temperature:	662.00
Flash Point Method used:	CC	Decomposition temperature:	399.00
Evaporation Rate:	N/A	Viscosity:	8.04
Flammability:	Undetermined	VOC Content:	N/A
		VOC Less Water & Exempts:	N/A

SECTION 10: STABILITY AND REACTIVITY

Chemical Reactivity: None known

Chemical Stability: Stable under normal operation conditions

Conditions to Avoid: Overheating.

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Materials to Avoid: Strong oxides

Hazardous Decomposition: Does not decompose up to 399°F. Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation

Description of effects from short- and long-term exposure:

Not known

Description of symptoms:

Not known

Measure of toxicity:

Not known

Ingestion

Description of effects from short- and long-term exposure:

Not known

Description of symptoms:

Not known

Measure of toxicity:

Not known

Eyes

Description of effects from short- and long-term exposure:

Not known

Description of symptoms:

Not known

Measure of toxicity:

Not known

Skin

Description of effects from short- and long-term exposure:

Not known

Description of symptoms:

Not known

Measure of toxicity:

Not known

Carcinogens listing:

NTP: No

IARC: No

OSHA: No

GHS: No

Chronic Toxicity: False

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity: No data available.

Biodegradability: Readily biodegradable

Bioaccumulation: No data available.

SECTION 13: DISPOSAL CONSIDERATION

Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations. Regulations may vary by location.

SECTION 14 : TRANSPORT INFORMATION

UN Number:

Proper Shipping Name: ALCOHOLS, INEDIBLE FATTY, NOI

Pictograms:

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SECTION 15: REGULATORY INFORMATION

OSHA Regulated Hazard:	False
E C Classification:	Non-applicable
TSCA Status:	Listed on the TSCA Inventory
SARA 312 Regulated Chemical(s):	No
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EPA Registration Number:	Non-applicable
California Prop. 65:	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
PA Right to know Chemical(s):	None known
NJ Right to know Chemical(s):	None known
Additional State Regulations:	None known
Canada:	Non-applicable

SECTION 16: OTHER INFORMATION

The above Information is based on the present state of our knowledge of the product at the time of publication. No warranty is implied with respect to the quality or the specification of the product and the user must satisfy himself that the product is entirely suitable for his purposes.

This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by the supplier to be dependable and is accurate to the best of the supplier's knowledge. The information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The supplier assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

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