



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: STEARIC ACID F-2500

Recommended Use: Adhesives, resinous and polymeric coatings, components of paper and paperboard in contact with aqueous and fatty foods, rubber articles intended for repeated use.

Restrictions on Use: None known

Manufactured for and supplied by:

Supplier: Harwick Standard Distribution Corporation
Supplier Address: 60 S. Seiberling Street, Akron, OH 44305
Contact: Health, Safety & Environment
Telephone: 330-798-9300
Website: www.harwickstandard.com

SECTION 2 – HAZARD(S) IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US): Not classified

GHS Label Elements:

Hazard symbol: Not applicable

Signal word: Not applicable

Hazard Statements: Not applicable

Hazard(s) not otherwise classified (HNOC): No additional information available

Supplemental information: None

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

Components Chemical Identity **CAS Number** **Weight%**

Components Chemical Identity	CAS Number	Weight%
Fatty acids, C16-18	67701-03-5	40-70
Stearic acid	57-11-4	25-55



SECTION 4 – FIRST AID MEASURES

Inhalation: Remove person to fresh air. Contact a physician if symptoms develop or persist.

Ingestion: Rinse mouth. Do NOT induce vomiting. Get medical attention if symptoms occur.

Skin contact: Remove contaminated clothing. Wash affected area off with water for at least 15 minutes . Get medical attention if irritation develops and persists.

Eye contact: Rinse cautiously with water for several minutes. Get medical attention if irritation develops or persists.

Most important symptoms/effects, acute and delayed:

Inhalation: None expected under normal conditions of use.

Ingestion: If a large quantity has been ingested: May cause nausea, vomiting and diarrhea.

Skin contact: Contact during a long period may cause light irritation.

Eye contact: May cause slight irritation to eyes.

Indication of immediate medical attention and special treatment needed: If medical advise is needed, have product container or label at hand.

General Information: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing method: Dry chemical powder. Carbon dioxide (CO₂) or water spray.

Unsuitable extinguishing method: Do not use water jet.

Specific hazards arising from chemical:

Fire hazard: Not considered flammable, but will burn at high temperatures.

Explosion hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

Special firefighting equipment and precautions for firefighters: Exercise caution when fighting any chemical fire.

Firefighting equipment/instructions: Do not enter fire area without proper protective equipment, including respiratory protection.



SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Handle in accordance with good industrial hygiene and safety measures. Use appropriate personal protection equipment (PPE). Evacuate unnecessary personnel.

Methods and materials for containment and cleaning up:

Contain and collect as any solid. Clear up spills immediately and dispose of waste safely.

Environmental precautions:

Prevent entry into sewers and public waters.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

Conditions for safe storage, including any incompatibilities: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep away from heat and direct sunlight.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: None established for this product or its chemical components.

Appropriate 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.

Individual protection measures, such as personal protective equipment:

Eye/face protection:	Chemical goggles or safety glasses.
Skin protection:	Wear suitable protective clothing.
Hand protection:	Wear appropriate chemical resistant gloves.
Respiratory protection:	Wear approved mask.

General hygiene considerations: When using, do not eat, drink or smoke.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Solid White to yellowish waxy flakes
Odor:	No data available
Odor threshold:	No data available
pH:	No data available
Melting point:	53-63°C (127.4-145.4°F)
Freezing point:	No data available



Boiling Point:	>200°C (392°F)
Flash Point:	180°C (356°F) Cleveland Open Cup
Auto-ignition Temperature:	>250°C (482°F)
Decomposition Temperature:	No data available
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Vapor Pressure:	~5.06E-5 hPa @25°C
Relative Density:	No data available
Specific Gravity:	0.85 g/ml @75°C
Solubility (water):	Insoluble
Upper/lower Flammable/	
Explosive limits:	Not applicable
Viscosity, Kinematic:	12 mm ² /s @70°C (ASTM D445)
Explosive Properties:	No data available
Oxidizing Properties:	No data available

SECTION 10 - STABILITY & REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical stability: Stable under normal temperature and pressure.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Direct sunlight. Extremely high or low temperatures.

Incompatible materials: Strong oxidizers.

Hazardous decomposition products: Carbon oxides (CO, CO₂)

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity: Not classified

Skin corrosion/irritation: Not classified

Serious eye damage/eye irritation: Not classified

Respiratory or skin sensitization:

Respiratory sensitization: Not classified

Skin sensitization: Not classified

Germ cell mutagenicity: Not classified



Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity-single exposure: Not classified

Specific target organ toxicity-repeated exposure: Not classified

Aspiration hazard: Not classified

Symptoms/Injuries after Inhalation: None expected under normal conditions of use.

Symptoms/Injuries after Ingestion: If a large quantity has been ingested: May cause nausea, vomiting and diarrhea.

Symptoms/Injuries after Skin contact: Contact during a long period may cause light irritation.

Symptoms/Injuries after Eye contact: May cause slight irritation to eyes.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No additional information available

Persistence and degradability: Rubber Grade Stearic Acid (67701-03-5, 57.11-4, 544-63-8)
Easily biodegradable

Bioaccumulative potential: Rubber Grade Stearic Acid (67701-03-5, 57.11-4, 544-63-8)
Not expected to bioaccumulate

Mobility in soil: Stearic acid (57-11-4) Log Koc: 51.05

Other adverse effects: Avoid release to the environment.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal instructions: Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Special shipping information: Not DOT regulated.

SECTION 15 - REGULATORY INFORMATION

U.S.:



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United States TSCA Inventory: Chemical components listed on the US TSCA (TSCA Substances Control Act) inventory

SECTION 16 - OTHER INFORMATION

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