



HARWICK
S T A N D A R D

Safety Data Sheet
STEARIC ACID F-3000
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SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: STEARIC ACID F-3000

Other means of identification

Synonym: Hydrogenated Tallow Fatty Acid, FHTFA

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:

Not classified as a hazardous substance or mixture

GHS label elements, including precautionary statements: None

Not classified as a hazardous substance or mixture

Other hazards which do not result in classification:

Not classified as a hazardous substance or mixture

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Substances

<u>Substance name</u>	<u>CAS Number</u>
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Hydrogenated tallow fatty acid	61790-38-3
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SECTION 4 – FIRST AID MEASURES

Description of necessary first-aid measures

Inhalation: If breathed in, remove person to fresh air. If not breathing, give artificial respiration.

Ingestion: If swallowed, rinse mouth with water. Never give anything by mouth to an unconscious person.



Skin contact: Wash off with soap and water.

Eye contact: Flush eyes with water as a precaution.

Most important symptoms/effects, acute and delayed:

Not expected to present a significant hazard under anticipated conditions of normal use.

Indication of immediate medical attention and special treatment needed:

If medical advice is needed have product container or label at hand.

General advice: Consult a physician. Show the Safety Data Sheet to the doctor in attendance.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing method:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide (CO₂).

Unsuitable extinguishing method:

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from chemical:

Carbon oxides

Special firefighting equipment and precautions for firefighters:

Wear self-contained breathing apparatus and full protective clothing in case of fire

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection, see Section 8.

Methods and materials for containment and cleaning up:

Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal. Contain spillage. Soak up with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local/national regulations (See Section 13).

Environmental precautions:

Do not let product enter drains.



SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:

Avoid contact with eyes, skin and clothing. Wash hands before breaks and immediately after handling the product.

Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a dry, well-ventilated area.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

No exposure limits noted for ingredients.

Appropriate engineering controls:

General industrial hygiene practice: Avoid contact with eyes, skin and clothing. Wash hands before breaks and immediately after handling the product.

Individual protection measures, such as personal protective equipment:

- | | |
|--------------------------------|---|
| Eye/face protection: | Wear safety glasses with side shields |
| Skin protection: | Wear suitable protective clothing. |
| Hand protection: | Wear appropriate chemical resistant gloves. |
| Respiratory protection: | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. |
| Thermal hazards: | Wear appropriate thermal protective clothing, when necessary.
May intensify fire. |

Environmental exposure controls:

Do not let product enter drains.

General hygiene considerations: When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking or smoking. Routinely wash work clothing and protective equipment to remove contaminants.



SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance/form:	White solid at room temperature
Odor:	Mild
Odor threshold:	No data available
pH:	N/A
Melting point/Freezing point:	135-145°F (57-63°C)
Initial Boiling Point/Range:	No data available
Flash Point:	>350°F (176°C)
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower Flammable/	
Explosive limits:	No data available
Vapor Pressure:	No data available
Vapor Density:	No data available
Relative Density:	0.9
Solubility (water):	Negligible in water
Partition Coefficient:	Not available
(n-octanol/water)	
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity:	No data available
Explosive Properties:	No data available
Oxidizing Properties:	No data available

SECTION 10 - STABILITY & REACTIVITY

Reactivity:

No data available

Chemical stability:

Material is stable under recommended storage conditions.

Possibility of hazardous reactions:

No data available

Conditions to avoid:

Heat, flames and sparks.

Incompatible materials:

No data available

Hazardous decomposition products:

Carbon oxides



SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity:

Not expected to present a significant hazard under anticipated conditions of normal use.

Skin corrosion/irritation:

Not expected to present a significant hazard under anticipated conditions of normal use.

Serious eye damage/eye irritation:

Not expected to present a significant hazard under anticipated conditions of normal use.

Respiratory or skin sensitization:

Not expected to present a significant hazard under anticipated conditions of normal use.

Germ cell mutagenicity:

To the best of our knowledge, the germ cell mutagenicity properties have not been thoroughly investigated.

Carcinogenicity:

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity:

To the best of our knowledge, the reproductive toxicity properties have not been thoroughly investigated.

Summary of evaluation of the CMR properties

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Specific target organ toxicity (STOT)-single exposure:

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Specific target organ toxicity (STOT)-repeated exposure:

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.



SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:

No data available

Persistence and degradability:

No data is available

Bioaccumulative potential:

No data available

Mobility in soil:

No data available

Other adverse effects:

No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal instructions:

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Contaminated packaging:

Since empties containers may retain product residue, follow label warnings even after container is empties. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Sewage disposal:

Do not let product enter drains.

SECTION 14 - TRANSPORTATION INFORMATION

Special shipping information: None

SECTION 15 - REGULATORY INFORMATION

U.S.:

United States TSCA Inventory: Listed in TSCA inventory



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SECTION 16 - OTHER INFORMATION

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