



ACME-HARDESTY  
A division of  
JACOB STERN & SONS, INC.  
- SINCE 1857 -

# Hydrogenated Tallow Glyceride

## Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Revision Date: 03/19/2015 Date of Issue: 03/19/2015 Supersedes: 03/29/2008

Version: 2.0

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

#### 1.1. Product Identifier

**Product Form:** Substance

**Product Name:** Hydrogenated Tallow Glyceride

**CAS No:** 8030-12-4

**Synonyms:** HTG

#### 1.2. Intended Use of the Product

**Use of the substance/mixture:** Lubricants; Esters

#### 1.3. Name, Address, and Telephone of the Responsible Party

##### Company

Acme-Hardesty Co  
450 Sentry Parkway  
Blue Bell, PA 19422  
T 866-226-3834 T 215-591-3610  
www.acme-hardesty.com

#### 1.4. Emergency Telephone Number

**Emergency Number** : 800-424-9300

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – Day or Night

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the Substance or Mixture

##### Classification (GHS-US)

Not classified

#### 2.2. Label Elements

##### GHS-US Labeling

No labeling applicable

#### 2.3. Other Hazards

No additional information available

#### 2.4. Unknown Acute Toxicity (GHS-US)

No data available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substance

Name : Hydrogenated Tallow Glyceride

CAS No : 8030-12-4

Name	Product Identifier	%	Classification (GHS-US)
Tallow, hydrogenated	(CAS No) 8030-12-4	100	Not classified

#### 3.2. Mixture

Not applicable

Full text of H-phrases: see section 16

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of First Aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

**First-aid Measures After Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

**First-aid Measures After Skin Contact:** Wash with plenty of soap and water. Seek medical attention if ill effect or irritation develops.

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**First-aid Measures After Eye Contact:** Obtain medical attention if irritation develops or persists. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

**First-aid Measures After Ingestion:** This product is intended for food use. Ingestion is not expected to be harmful. . Seek medical attention if a large amount is swallowed.

### 4.2. Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms/Injuries:** None expected under normal conditions of use. The hot liquid may cause severe skin burns.

**Symptoms/Injuries After Inhalation:** Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

**Symptoms/Injuries After Skin Contact:** Not irritating to skin.

**Symptoms/Injuries After Eye Contact:** The product is not considered to be irritating to the eyes.

**Symptoms/Injuries After Ingestion:** Ingestion is not expected to be harmful.

**Chronic Symptoms:** None known.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Carbon dioxide, dry chemical. Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** Water or ordinary type foam may cause frothing.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** No reactivity hazard.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Do not breathe fumes from fires or vapors from decomposition.

**Firefighting Instructions:** Exercise caution when fighting any chemical fire.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid all unnecessary exposure. Avoid breathing (dust, vapor, mist, gas).

#### 6.1.1. For Non-emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Responders

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Ventilate area. Eliminate ignition sources. Stop leak if safe to do so.

### 6.2. Environmental Precautions

Avoid release to the environment.

### 6.3. Methods and Material for Containment and Cleaning Up

**For Containment:** Contain and collect as any solid.

**Methods for Cleaning Up:** Absorb and/or contain spill with inert material, then place in suitable container.

### 6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

### 7.3. Specific End Use(s) No additional information available

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

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### 8.2. Exposure Controls

**Appropriate Engineering Controls** : Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment** : Protective clothing. Safety glasses. Gloves.



**Materials for Protective Clothing** : Wear thermally protective clothing when handling product in significant amounts.

**Hand Protection** : If material is hot, wear thermally resistant protective gloves.

**Eye Protection** : Chemical goggles or safety glasses.

**Respiratory Protection** : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

<b>Physical State</b>	: Solid
<b>Appearance</b>	: Yellowish oily liquid or whitish solid @ room temperature
<b>Odor</b>	: Fatty
<b>Odor Threshold</b>	: No data available
<b>pH</b>	: No data available
<b>Relative Evaporation Rate (butylacetate=1)</b>	: No data available
<b>Melting Point</b>	: 60 °C (140 °F)
<b>Freezing Point</b>	: No data available
<b>Boiling Point</b>	: Not determined, decomposes
<b>Flash Point</b>	: > 200 °C Open cup (392 °F)
<b>Auto-ignition Temperature</b>	: No data available
<b>Decomposition Temperature</b>	: No data available
<b>Flammability (solid, gas)</b>	: No data available
<b>Vapor Pressure</b>	: No data available
<b>Relative Vapor Density at 20 °C</b>	: No data available
<b>Relative Density</b>	: No data available
<b>Specific Gravity</b>	: 0.863 @ 20°C; .0905 to 0.915 @ 25°C
<b>Solubility</b>	: Insoluble.
<b>Partition Coefficient: N-Octanol/Water</b>	: Not available
<b>Viscosity</b>	: Not available
<b>Explosive Properties</b>	: No data available
<b>Oxidizing Properties</b>	: No data available
<b>Explosive Limits</b>	: No data available

### 9.2. Other Information

**VOC content** : Trace

## SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity:** No reactivity hazard.
- 10.2 Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3 Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4 Conditions to Avoid:** Extremely high or low temperatures.
- 10.5 Incompatible Materials:** None known.
- 10.6 Hazardous Decomposition Products:** Smoke.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information On Toxicological Effects

**Acute Toxicity** : Not classified

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<b>Hydrogenated Tallow Glyceride ( \f )8030-12-4</b>	
<b>Tallow, hydrogenated (8030-12-4)</b>	
<b>LD50 Oral Rat</b>	> 10000 mg/kg

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

<b>Hydrogenated Tallow Glyceride (8030-12-4)</b>
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**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

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**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

**Symptoms/Injuries After Skin Contact:** Not irritating to skin.

**Symptoms/Injuries After Eye Contact:** The product is not considered to be irritating to the eyes.

**Symptoms/Injuries After Ingestion:** Ingestion is not expected to be harmful.

**Chronic Symptoms:** None known.

## SECTION 12: ECOLOGICAL INFORMATION

**12.1. Toxicity** No additional information available

**12.2. Persistence and Degradability** No additional information available

**12.3. Bioaccumulative Potential** No additional information available

**12.4. Mobility in Soil** No additional information available

**12.5. Other Adverse Effects**

No additional information available

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods**

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

In Accordance With ICAO/IATA/IMDG/DOT

**14.1. UN Number** Not regulated for transport

**14.2. UN Proper Shipping Name** Not regulated for transport

**14.3. Additional Information**

**Other information** : No supplementary information available.

**Transport by Sea** Not regulated for transport

**Air Transport** Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

**15.1 US Federal Regulations**

<b>Tallow, hydrogenated (8030-12-4)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory

**15.2 US State Regulations**

<b>Hydrogenated Tallow Glyceride(8030-12-4)</b>	
<b>State or local regulations</b>	California Proposition 65-- This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

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### SECTION 16: OTHER INFORMATION

**Revision Date** : 03/19/15

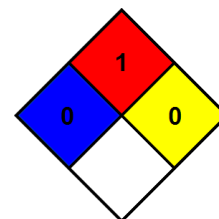
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases:**

**NFPA Health Hazard** : 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

**NFPA Fire Hazard** : 1 - Must be preheated before ignition can occur.

**NFPA Reactivity** : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



**HMIS III Rating**

**Health** : 0 Minimal Hazard - No significant risk to health

**Flammability** : 1 Slight Hazard

**Physical** : 0 Minimal Hazard

**Personal Protection** : C

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