



# Material Safety Data Sheet

**PRODUCT NAME: HYDROGENATED LARD GLYCERIDE**

IDENTIFICATION AND DISTRIBUTOR INFORMATION

TRADE NAME: HYDROGENATED LARD GLYCERIDE  
 DATE: December 18, 2012  
 DISTRIBUTOR: ACME-HARDESTY COMPANY  
 ADDRESS: 450 Sentry Parkway  
 Blue Bell, PA 19422  
 TELEPHONE: (866) 226 – 3834  
 FAX: (215) 591 – 3620  
 EMERGENCY: CHEMTREC (800) 424-9300

MATERIAL IDENTIFICATION

PRODUCT NAME: HLG  
 CAS#: 8040-05-9  
 CHEMICAL NAME: HYDROGENATED LARD GLYCERIDES  
 CHEMICAL FAMILY: TRIGLYCERIDE

HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
N/A				

CHEMICAL AND PHYSICAL PROPERTIES

Boiling Point	NA	Specific Gravity (H <sub>2</sub> O = 1)	0.905 to 0.915 @ 25°C
Vapor Pressure (mm Hg)	<0.1 mm @ 760	Melting Point	~60°C
Vapor Density (AIR = 1)	Exceeds 1.0	Evaporation Rate (Butyl Acetate = 1)	Not Applicable
Solubility in Water Insoluble without emulsifiers			
Appearance and Odor Yellowish oily liquid or whitish solid with fatty smell			

FIRE AND EXPLOSION DATA

Flash Point (Method Used) <b>&gt;550 F, Open Cup</b>	Flammable Limits	LEL N/F	UEL N/F
Extinguishing Media <b>CO2 or Foam</b>			
Special Fire Fighting Procedures <b>Treat as Grease or Oil Fire. The use of self-contained breathing apparatus is recommended for fire fighters. Avoid use of water as it may spread fire by dispersing oil. Use water to keep fire-exposed containers cool.</b>			
Unusual Fire and Explosion Hazards <b>Rags and waste paper containing this material may heat and burn spontaneously. When material presenting a large surface area, such as rags, filter clay, etc., is saturated with liquid oils or oil by-products spontaneous combustion may result.</b>			

HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation? N/F	Skin? N/F	Ingestion? N/F
Health Hazards ( <i>Acute and Chronic</i> ) <b>Acute: none observed by inhalation. Chronic: none reported. Excessive inhalation of oil mist may affect the respiratory system. Oil mist is classified as a nuisance particulate by ACGIH with limit of 10 mg/m3 . Sensitive individuals may experience dermatitis after long exposure of oil on skin.</b>			
Carcinogenicity: No	NTP? N/F	IARC Monographs? N/F	OSHA Regulated? N/F
Signs and Symptoms of Exposure <b>None expected</b>			
Medical Conditions Generally Aggravated by Exposure <b>Same as any animal fat or oil. Not considered dangerous.</b>			
Emergency and First Aid Procedures <b>For eye contact, flush thoroughly with water. For skin contact, wash with soap and water.</b>			

REACTIVITY DATA

Stability	Unstable		Conditions to Avoid N/A
	Stable	X	
Incompatibility (Materials to Avoid) Strong Oxidizing Agents			
Hazardous Decomposition or Byproducts NA			
Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

SAFE HANDLING PROCEDURES AND USE

<b>Steps to Be Taken in Case Material is Released or Spilled</b> Treat as oil spill. For small spills, absorb with inert material. For large spills, contain with absorbent material and contact a disposal company.
<b>Waste Disposal Method</b> Transport in DOT-approved containers to an EPA-approved treatment and disposal facility.
<b>Precautions to Be taken in Handling and Storing</b> Normal good work practice.
<b>Other Precautions</b> Store away from flame and fire, AND excessive heat.

CONTROL MEASURES

<b>Respiratory Protection (Specify Type)</b> Normally not needed. For oil mist, use NIOSH-listed respirator.		
<b>Ventilation</b>	<b>Local Exhaust</b> Follow ACGIH ventilation recommendations.	<b>Special</b> Not required under normal conditions of use.
	<b>Mechanical (General)</b> Provide adequate ventilation.	<b>Other</b> N/A
<b>Protective Gloves</b> Use rubber or plastic gloves.	<b>Eye Protection</b> Conventional goggles	
<b>Other Protective Clothing or Equipment</b> Not necessary		
<b>Work/Hygienic Practices</b> Handle as appropriate for fatty compounds.		

OTHER INFORMATION

HAZARD CODES: FIRE = 1 REACTIVITY = 0 HEALTH = 1 OTHER = 0

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Users must make their own determination that handling, storage and use of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product.

Disposal of containers must comply with applicable federal, state and local laws and regulations. Empty containers should never be given to individuals.