



ACME-HARDESTY CO.

A Division of Jacob Stern & Sons, Inc.

Your Partner in Global Sourcing

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 99.7% USP GLYCERINE FOOD GRADE KOSHER

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: 99.7% USP GLYCERINE - FGK
 CAS#: 56-81-5
 DATE: May 27, 2005

DISTRIBUTOR: ACME-HARDESTY COMPANY
 ADDRESS: 1787 Sentry Parkway West
 Suite 18-460
 Blue Bell, PA 19422

TELEPHONE: (800) 223 - 7054
 FAX: (215) 591 - 3620
 EMERGENCY: (800) 424 - 9300 CHEMTREC

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

NOT APPLICABLE

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 554°F, 290°C
 SPECIFIC GRAVITY (H₂O=1): 1.2067 @ 25/25°C
 VAPOR PRESSURE (mm Hg): 1.0 @ 20°C
 MELTING POINT: Not applicable
 EVAPORATION RATE: Not applicable
 DENSITY (@20°C): 1.26 g/cm³
SOLUBILITY IN WATER: Miscible
 pH: Neutral
 CLOUD POINT: No data
 VISCOSITY: 1300 mPa's
 FREEZING POINT: 64.4°F, 18°C
 APPEARANCE & ODOR: Transparent, characteristic odor, liquid

FIRE & EXPLOSION HAZARD DATA

FLASH POINT: 390°F, 199°C
 EXTINGUISHING MEDIA: Water Fog, Alcohol, foam, carbon dioxide, dry chemical, halogenated agents
 SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus with full facepiece and protective clothing.
 AUTOIGNITION TEMP: 698°F, 370 °C
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Nothing specified

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REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Avoid strong oxidizing agents
INCOMPATIBILITY (materials to avoid): Oxidizing material
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: N/A

HEALTH HAZARD DATA

ROUTES OF ENTRY:

Inhalation: Remove to fresh air
Skin: N/A
Ingestion: Induce vomiting

HEALTH HAZARDS (acute & chronic):

May cause eye irritation, flush with water for 5 minutes

SIGNS & SYMPTOMS OF EXPOSURE

Heated vapors may cause severe irritation, administer oxygen with overexposure

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

See above

EMERGENCY & FIRST AID PROCEDURES

If exposed to heated vapors, remove to fresh air/administer oxygen and call physician

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Small spill - cover with absorbent material, soak up & sweep into drum
Large spills - dike around spills & pump into suitable container

WASTE DISPOSAL METHOD:

Reprocess or incinerate in accordance with local, state & federal regulations

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Practical reasonable care and caution

OTHER PRECAUTIONS

None specified.

STORAGE REQUIREMENTS:

50-90°F in original closed container.

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CONTROL MEASURES

VENTILATION:

Local Exhaust:	none specified
Mechanical (general):	none specified
Special:	none specified
Other:	Recommended control of mist

PROTECTIVE GLOVES: Not required**EYE PROTECTION:** Not required**WORK/HYGIENIC PRACTICES:** Normal hygienic practices.**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Not applicable

TOXICOLOGICAL INFORMATION

The toxicity data listed below are based on the results of screening tests on this specific product.

EYE CONTACT: This material is nonirritating in rabbit eye irritation studies; no irritation is likely to occur after human eye contact.**SKIN CONTACT:** This material is nonirritating in rabbit dermal irritation studies. No irritation is likely to develop following contact with human skin.**ACUTE ORAL TOXICITY:** This material is classified as "slightly toxic" by ingestion.**CARCINOGENICITY:** This material is not listed as a carcinogen by OSHA, IARC, and NTP.**REPRODUCTIVE TOXICITY?TERATOGENICITY:** No available information.**MUTAGENICITY:** No available information**TOXICOLOGICALLY SYNERGISTIC PRODUCTS:** None known.

ECOLOGICAL INFORMATION

DEGRADABILITY:	Completely biodegradable BOD5 / COD: 0.87 / 1.16 (gO2/g)
LC50, FISH:	>5000 mg/l
IC50, ALGAE:	>2900 mg/l
EC50, BACTERIA:	>10000 mg/l

DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Discarded product is not a hazardous waster under RCRA, 40 CFR 261
CONTAINER DISPOSAL: Empty container retains product residue. Observe all hazard precautions. do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue from container and puncture or otherwise destroy empty container before disposal.

TRANSPORT INFORMATION

NOT CLASSIFIED IN RID/ADR/DOT - ADNR - IMDG - ICAO/IATA-DGR

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REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710:
All ingredients are on the TSCA Chemical Substance Inventory

DSL (Canadian Domestic Substances List):
All ingredients are listed on the Canadian DSL

OSHA Hazard Communication Standard, 29 CFR 1910.1200, Hazard Summary:

Physical Hazards: None

Health Hazards: None

WHMIS Classification:

Noncontrolled (Nonhazardous)

CEROLA and SARA Regulations (40 CFR 355, 370, and 372):

This material contains the following chemicals subject to the reporting requirements of SARA 313:

NO SARA 313 CHEMICALS FOR THIS CHEMICAL

SARA 311/312 Hazard Categories:

Immediate: YES

Delayed: NO

Fire: YES

Pressure: NO

Reactivity: NO

State Regulations: None

OTHER INFORMATION

We assigned NFPA ratings and HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment is provided with information contained in the product MSDS.

HMIS Information: Health: 1 Flammability: 1 Reactivity: 0 NFPA Information Health: 1 Flammability: 1 Reactivity: 0