



ACME
HARDESTY
OLEOCHEMICALS

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Material Safety Data Sheet

PRODUCT NAME: GLYCERINE – CRUDE 75%

IDENTIFICATION AND DISTRIBUTOR INFORMATION

TRADE NAME: GLYCERINE – CRUDE 75%

DATE: October 11, 2011

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

COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS#	Weight. %
Glycerine	56-81-5	75 – 100
Water	7732-18-5	10 max
Methanol	67-56-1	1 max

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

ATTENTION: The toxicological properties of this material have not been investigated.
High mist concentration may cause irritation of the respiratory tract.

HMIS RATING: Health: 2
Flammability: 1
Reactivity: 0

FIRST AID MEASURES

INGESTION: Call a physician or poison control center immediately.
Only induce vomiting at the instruction of medical personnel.
Never give anything by mouth to an unconscious person.

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes.
If easy to do, remove contact lenses.
Get medical attention.

SKIN CONTACT: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing/shoes.
Wash contaminated clothing before reuse.
Destroy or thoroughly clean contaminated shoes.
Get medical attention.

INHALATION: Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical, alcohol foam

FIRE FIGHTING INSTRUCTION: Wear self-contained breathing apparatus and protective clothing.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, oxides of sodium, oxides of sulfur

UNUSUAL FIRE/EXPLOSION HAZARDS: None

ACCIDENTAL RELEASE MEASURE

LEAK / SPILL: Wear appropriate personal protective equipment.
Absorb spill with vermiculite or other inert material
Place in a container for chemical waste.

LARGE SPILLS: Flush spill area with water spray.
Prevent runoff from entering drains, sewers, or streams.
Dike for later disposal.

HANDLING AND STORAGE

PRECAUTIONARY MEASURES: Avoid breathing mist or vapor. Avoid contact with eyes, skin and clothing.
Do not taste or swallow.
Use only with adequate ventilation.
Wash thoroughly after handling.

FIRE/EXPLOSION PREVENTION: Keep from contact with oxidizing materials.

STORAGE: Keep containers closed

PHYSICAL/CHEMICAL CHARACTERISTICS

PHYSICAL FORM: Liquid

COLOR: brownish

ODOR: Odorless to slightly rancid

BOILING POINT, °C: > 100°C

SPECIFIC GRAVITY @ 25°C: 1.18 – 1.21

SOLUBILITY IN WATER: Miscible

FLASH POINT (Pensky-Martens Closed Cup), °C: > 93.333°C / > 200°F

THERMAL DECOMPOSITION TEMPERATURE: No exotherm

EXPOSURE CONTROL AND PERSONAL PROTECTION

NOTE: Country specific exposure limits have not been established or are not applicable unless listed below.

GLYCERINE MIST:

US. ACGIH Threshold Limit Values Time Weighted Average (TWA): 10 mg/m3

GLYCERINE RESPIRABLE FRACTION:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) PEL: 5 mg/m3

GLYCERINE TOTAL DUST:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) PEL: 15 mg/m3

GLYCERINE RESPIRABLE FRACTION:

US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants TWA/PEL: 5 mg/m3

GLYCERINE TOTAL DUST:

US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants TWA/PEL: 10 mg/m3

TWA: Time Weighted Average PEL: Permissible Exposure Limits

GLYCERINE VENTILATION:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

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. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998.

RESPIRATOR TYPE: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

EYE PROTECTION:

Wear safety glasses with side shields (or goggles).
Wear a full-face respirator, if needed.

SKIN PROTECTION:

Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure. Contact health and safety professional or manufacturer for specific information.

RECOMMENDED DECONTAMINATION FACILITIES: Eye bath, washing facilities

STABILITY / REACTIVITY

STABILITY:

Stable

INCOMPATIBLES:

Material reacts with strong oxidizing agents, strong acids.

HAZARDOUS POLYMERIZATION:

Will not occur

DISPOSAL INFORMATION

DISPOSAL: Discharge, treatment or disposal may be subject to national, state, or local laws.
Incinerate.
Since emptied containers retain product residue, follow label warnings even after container is emptied.

ECOLOGICAL INFORMATION

This material has not been tested for environmental effects.

MOBILITY: Not known
BIOACCUMULATION: Not known
BIODEGRADABILITY: Not known
AQUATIC TOXICITY: Not known

TOXICOLOGICAL INFORMATION

TOXICITY DATA: Toxicological properties have not been investigated and its handling/use may be hazardous.
CARCINOGENICITY: Not available
REPRODUCTIVE EFFECT: Not available
EFFECTS OF OVEREXPOSURE: Not available
CHRONIC EFFECTS: Not available
TARGET ORGANS: Not available
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Not available

TRANSPORT INFORMATION

NOTE: Shipping descriptions may vary based on mode of transport, quantities, package size and/or origin and destination.
Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

DOT (USA): Class not regulated
SEA- IMDG (International Maritime Dangerous Goods): Class not regulated
AIR - ICAO (International Civil Aviation Organization): Class not regulated

REGULATORY INFORMATION

NOTE: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS (Canada) Status: Controlled
WHMIS (Canada) Hazard Classification: D/2/B
SARA 311-312 Hazard Classification(s): Immediate (acute) health hazard
SARA 313: none, unless listed below

CARCINOGENICITY CLASSIFICATION (components present at 0.1% or more): None, unless listed below

INVENTORIES:

TSCA (US Toxic Substances Control Act):

This product is listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act):

This product is listed on the DSL. Any impurities present in this product are exempt from listing.

EINECS (European Inventory of Existing Commercial Chemical Substances):

This product is listed on EINECS or otherwise complies with EINECS requirements.

AICS/NICNAS (Australian Inventory of Chemical Substances/National Industrial Chemicals Notification Assessment Scheme):

This product is listed on AICS or otherwise complies with NICNAS.

MITI (Japanese Handbook of Existing and New Chemical Substances):

This product is listed in the Handbook or has been approved in Japan by new substance notification.

ECL (Korean Toxic Substances Control Act):

This product is listed on the Korean inventory or otherwise complies with the Korean Toxic Substances Control Act.

PICCS (Philippine Inventory of Chemical Control Substances):

This product is listed on the Philippine Inventory or otherwise complies with PICCS.

ADDITIONAL INFORMATION

Always work safely around open hatches on bulk tanks. The low density makes flotation difficult for immersed person.

HMIS RATING: Health: 2
Flammability: 1
Reactivity: 0

The data herein are based on our current knowledge and believed to be reliable. Acme-Hardesty Co., provides this information without any representation or warranty, expressed or implied, regarding its accuracy or correctness.

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.