

MATERIAL SAFETY DATA SHEET

GLYCERINE 99%, KOSHER GRADE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: Tarr, Incorporated
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Portland, OR 97212

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PRODUCT NAME: GLYCERINE 99%, KOSHER GRADE

PRODUCT NUMBER: GKG

UPC NUMBER:

PREPARED BY: Patricia Rodabaugh

DATE PREPARED: 1/11/2000

LAST REVISION: 1/11/2000

SYNONYMS: 1,2,3-Propanetriol, Glycyl Alcohol

Tarr

Portland, Oregon
Phoenix, Arizona
Auburn, Washington
Vancouver, Washington

Print Date: 10/29/2004

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight %	OSHA PEL	ACGIH TLV	NOTE
Glycerine	56-81-5	100		10 mg/m ³	ACGIH TLV as a nuisance mist.

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: N/A

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Slightly irritating to the eyes.

INHALATION: No hazard in normal industrial use.

INGESTION: Single dose oral toxicity is low.

SKIN CONTACT: Essentially non-irritating to the skin. Not likely to be absorbed through skin.

SIGNS AND SYMPTOMS OF EXPOSURE:

Mild irritation. Product is low in toxicity.

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. If irritation occurs, get medical attention.

INHALATION: Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention.

INGESTION: Low in toxicity. Induce vomiting if large amounts are ingested. Never give anything by mouth to an unconscious person.

SKIN CONTACT: Flush skin with water. If irritation occurs, get medical attention.

AGGRAVATED MEDICAL CONDITIONS:

Rat studies indicate that kidney is target organ with overexposure. No specific antidote. Treatment based on the sound judgement of the physician and individual reactions of the patient.

SUPPLEMENTAL HEALTH INFORMATION:

Note to Physician: May cause mild eye irritation. Stain for evidence of corneal injury. May cause severe irritation to respiratory system with overexposure. Administer oxygen if available.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: 320 F

FLASH POINT METHOD USED: Tag Closed Cup

AUTOIGNITION: 739 F

LEL:

UEL:

EXTINGUISHING MEDIA:

Use water fog, "alcohol" foam, dry chemical, or CO2.

SPECIAL FIRE FIGHTING PROCEDURES:

N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS:

N/A

COMBUSTION PRODUCTS:

N/A

6. ACCIDENTAL RELEASE MEASURES

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

Control spilled liquid by diking with inert material such as sand or earth. Collect spilled material in sealable containers for recovery or disposal.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

OTHER PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN!

8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

None normally needed.

VENTILATION:

Controlling airborne concentration below the ACGIH TLV exposure guideline is recommended. Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations. Lethal concentrations may exist in areas with poor ventilation.

PROTECTIVE GLOVES:

N/A

EYE PROTECTION:

Safety glasses with side shields or chemical goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

N/A

WORK / HYGENIC PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking, or using the toilet.

ENGINEERING CONTROLS:

Use this material in ventilated areas.

EXPOSURE GUIDELINES:

Avoid prolonged or repeated breathing of vapors

9. PHYSICAL AND CHEMICAL PROPERTIES

SOLUBILITY IN WATER: Miscible

APPEARANCE AND ODOR: Colorless, clear liquid. Characteristic odor.

BOILING POINT:	554 F	PERCENT VOLATILE:	N/A
VAPOR PRESSURE:	1 mmHg @ 20 C	PH:	N/A
EVAPORATION RATE:	Slower than ether	MOLECULAR WEIGHT:	N/A
POUNDS PER GALLON:	10.56	VAPOR DENSITY:	Heavier than air
SPECIFIC GRAVITY:	126.07	OTHER PROPERTIES:	
MELTING POINT:	N/A		
FREEZING POINT:	N/A		

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Avoid strong oxidizing agents (Like Sodium Hypochlorite, Hypochlorous Acid)

INCOMPATIBILITY:

Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

None

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: Avoid heat, flame, and other sources of ignition.

11. TOXICOLOGY INFORMATION

N/A

12. ECOLOGICAL INFORMATION

Keep out of waterways.

13. DISPOSAL CONSIDERATIONS

The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

14. TRANSPORTATION INFORMATION

DOT Proper Shipping Name:

HAZARD CLASS: N/A
UN NUMBER: N/A

PACKING GROUP: N/A
GUIDE NUMBER: N/A
DOT CLASS: Not a hazardous material

15. REGULATORY INFORMATION

No information available.

16. OTHER INFORMATION

HMIS INFORMATION: HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0 PROTECTIVE: A

SARA Title III Information:

SARA 302:

SARA 311/312:

SARA 313:

N/A = Not Applicable

NDA = No Data Available

Disclaimer

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