



TULSTAR PRODUCTS, INC.

5510 SOUTH LEWIS AVENUE • TULSA, OK 74105 • (918) 749-9060 • FAX (918) 747-1444
TULSTAR@TULSTAR.COM • WWW.TULSTAR.COM

MATERIAL SAFETY DATA SHEET

COMPANY INFORMATION

Company Name: **TULSTAR PRODUCTS, INC.**
5510 S. Lewis Ave.
Tulsa, OK 74105
Phone Number: (918) 749-9060
Fax Number: (918) 747-1444
Email Address: tulstar@tulstar.com
Emergency Number: CHEMTREC 800-424-9300 (24 hours)

IDENTIFICATION

Product Name: Glycerine
Synonyms: 1,2,3-Propanetriol, Glycyl Alcohol
CAS Number: 56-81-5

FIRE & EXPLOSION HAZARD DATA

Flash Point: 320°F, 160°C
Flammable Limits: Not determined
Extinguishing Media: Water fog, alcohol foam, CO₂ dry chemical
Special Fire Fighting: Equipment & Hazards: None
Auto Ignition Temperature: 739°F, 392°C

REACTIVITY DATA

Stability: Avoid strong oxidizing agent (Sodium Hypochlorite, Hypochlorous Acid)
Incompatibility: Oxidizing material
Hazardous Polymerization: Will not occur.

SPILL, LEAK & DISPOSAL PROCEDURES

Small Spills: Cover with absorbent material, soak up and sweep into a drum.
Large Spills: Dike around spill and pump into suitable containers.
Disposal Method: Reprocess or incinerate in accordance with all local, state and federal requirements.

HEALTH HAZARD DATA

Eye: Slight transient irritation
Skin Contact: Essentially non-irritating
Skin Absorption: Not likely absorbed through skin
Ingestion: Low single and repeated dose toxicity
Inhalation: ACGIH TLV is 10 mg/m³ as a nuisance mist (1979)
Systemic & Other Effects: Irritation

FIRST AID

Eyes:	Irrigation of the eye flushing immediately with water for five minutes is a good safety practice
Skin:	Wash off in flowing water
Ingestion:	Low in toxicity. Induce vomiting if large amounts are ingested
Inhalation:	Remove to fresh air if effects occur. Call physician and/or transport to medical facility
Eyes:	May cause mild irritation. Stain for evidence of corneal injury. Injury is unlikely.
Skin:	Injury is unlikely. Not likely to be absorbed in acutely toxic amounts.
Respiratory:	Should avoid heated vapors. May cause severe irritation with overexposure. Administer oxygen if available. Bronchodilators, expectorants, and antitussives may help.
Oral:	Low in toxicity.
Systemic:	Rat studies indicate that kidney is the target organ with overexposure. Consult standard literature. No specific antidote. Treatment based on the sound judgment of the physician and individual reactions of the patient.

PHYSICAL & CHEMICAL PROPERTIES

Boiling Point:	554°F, 290°C
Vapor Pressure:	1.0 mmHg @ 20°C
Vapor Density:	3.1
Solubility in Water:	Miscible
Specific Gravity:	1.2607 @ 25°/25°
% Volatile by Volume:	Very Low
Appearance:	Transparent Liquid
Odor:	Characteristic

SPECIAL HANDLING INFORMATION

Ventilation:	Recommend control of mist to suggested guide
Respiratory Protection:	None normally needed.
Protective Clothing:	None required
Eye Protection:	Not normally necessary

This Material Safety Data Sheet is offered solely for your information, consideration and investigation. Tulstar Products, Inc provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.