


Section 1: Identification

Common Name/Trade Name	GLYCERIN USP	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au	
Product Synonym(s)	Glycerin	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Skin corrosion/irritation (Category 2), Serious eye damage/eye irritation (Category 2)	
Signal Word	Warning	
Hazard Statement(s)	H315 H319	Causes skin irritation Causes serious eye irritation
Pictogram(s)		
Precautionary Statement(s)	P264 P280 P302+P352 P305+P351+P338 P332+P313 P337+P313 P362	Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN Wash with soap and water. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. If skin irritation occurs Get medical advice/attention. If eye irritation persists Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	Glycerin
Common Name	GLYCERIN USP
CAS Number	56-81-5
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Note to Physicians: Treat symptomatically.
If Inhaled	Move to fresh air. If symptom persist, call a physician.
In Case of Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists call a physician.
In Case of Eye Contact	Wash off immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
If Swallowed	Immediate medical attention is not required. Rinse mouth. Drink plenty of water. Do NOT induce vomiting.
Most Important Symptoms and Effects	Use personal protective equipment as required.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water spray (fog), Dry chemical, Alcohol resistant foam, Carbon dioxide. (CO2).
Special Hazards Arising From the Substance/Mixture	Above flash point, vapor-air mixtures are explosive within flammable limits noted in section 9.
Special PPE and/or Precautions for Firefighters	In the event of fire, wear full protective clothing and MSHA/NIOSH (approved or equivalent) self-contained breathing apparatus with full face piece operated in the pressure-demand or other positive pressure mode.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Use personal protective equipment as required. Avoid contact with eyes and skin.
Methods and Materials Used for Containment	Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.
Cleanup Procedures	Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean and contaminated surface thoroughly. Prevent entry into waterways, sewers, basement or confined areas.

Section 7: Handling and Storage

Precautions for Safe Handling	Use only the adequate ventilation. Use personal protective equipment as required.
Conditions for Safe Storage	Keep container tightly closed. Keep out of reach of children.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Component: Glycerin Type: TWA Value: 10 mg/m ³ mist Glycerin Value: 15mg/m ³ Glycerin Value: TWA Control parameters: 5 mg/m ³ mist Glycerin Value: TWA Control parameters: 10 mg/m ³
Appropriate Engineering Controls	Ensure adequate ventilation, especially in confined areas. When using do not eat, drink or smoke. Wash contaminated clothing before reuse.
PPE - Eye/Face Protection	Tight sealing safety goggles.
PPE - Skin Protection	Suitable protective clothing.
PPE - Body Protection	Suitable protective clothing.
PPE - Respiratory Protection	No data available

Section 9: Physical and Chemical Properties

Appearance	Form: Liquid Color: Clear Colorless
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless
Vapor Pressure	(mm Hg): 1.0033 hPa @ 50C
Odor Threshold	No data available
Vapor Density	(Air =1)
pH	No data available
Relative Density	No data available
Melting Point/Freezing Point	Melting Point/Freezing Point: 18 °C / 64 °F
Solubility	Water Solubility: Miscible in water
Initial Boiling Point and Boiling Range	Boiling Point/Boiling Range: 290 °C / 554 °F
Flash Point	199 °C / 390 °F CC (closed cup)
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	- 1.76
Auto-Ignition Temperature	393 °C / 739 °F
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	Stable under normal conditions of use and storage.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to Avoid	Heat, flames and sparks; Ignition sources; Incompatibles.
Incompatible Materials	Oxidizing agents, Strong acids, Bases, Chlorine
Hazardous Decomposition Products	Acrolein: Glyceryle nitrate

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral 12600 mg/kg (Rat)
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	LD50 Dermal 21900 mg/kg (Rat)
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	This product does not contain any carcinogens or potential carcinogens as listed by IARC.
Carcinogenicity ACGIH	This product does not contain any carcinogens or potential carcinogens or potential carcinogens as listed by ACGIH.
Carcinogenicity NTP	This product does not contain any carcinogens or potential carcinogens as listed by NTP.
Carcinogenicity OSHA	This product does not contain any carcinogens or potential carcinogens as listed by OSHA.
Reproductive Toxicity	Target Organ Effects: Eyes, Kidney, Respiratory system, Skin.
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	No data available
Aspiration Hazard	No data available

Section 12: Ecological Information

Toxicity	Toxicity to fish 51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static Toxicity to daphnia and other aquatic invertebrates 500: 24 h Daphnia magna mg/L EC50.
Persistence and Degradability	No data available
Bio-accumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Waste Treatment Methods Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	Not dangerous goods.
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	N/A

Section 15: Regulatory Information

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material. SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. SARA 311/312 Hazard Categories: Acute Health Hazard: Yes Chronic health Hazard: No Fire Hazard: No Sudden release of pressure hazard: No Reactive Hazard: No. U. S Right To Know Regulations: California Proposition 65: This product does not contain any Proposition 65 chemicals.

Section 16: Other Information

Additional Information	N/A
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