


Section 1: Identification	
Common Name/Trade Name	GLYCOLIC ACID 70%
Supplier Information	<p>Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693</p> <p>IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours)</p>
Distributor Name	<p>Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au</p>
Product Synonym(s)	Hydroxyacetic acid
Relevant Use(s) of Product	Manufacture or Compounding of Substances

Section 2: Hazards Identification	
Classification of Substance or Mixture	Acute toxicity, oral - Category 4, Skin corrosion - Category 1B
Signal Word	Danger
Hazard Statement(s)	<p>H302 Harmful if swallowed H314 Causes severe skin burns and eye damage</p>
Pictogram(s)	
Precautionary Statement(s)	<p>P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331 IF SWALLOWED Rinse mouth. Do NOT induce vomiting. P303+P361+P350 IF ON SKIN (or hair) Remove/Take off immediately all contaminated clothing. Gently wash with soap and water. P304+P340 IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. P310 Immediately call a POISON CENTER or doctor/physician. P321 Specific treatment (see on this label). P363 Wash contaminated clothing before reuse. P405 Store locked up. P501 Dispose of contents/container to an approved waste disposal plant.</p>
Hazards Not Otherwise Classified	No data available
Ingredient(s) with Unknown Toxicity	No data available

Section 3: Composition/Information on Ingredients	
Chemical Name	Glycolic Acid
Common Name	Glycolic Acid 70%
CAS Number	79-14-1
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Advice to Doctor and Hospital Personnel Treat symptomatically and supportively.
If Inhaled	If product vapor or mist causes respiratory irritation or distress, move the exposed person to fresh air immediately. If breathing is difficult or irregular, administer oxygen; if respiratory arrest occurs, start artificial respiration by trained personnel. Loosen tight fitting clothing such as a collar, tie, belt or waistband. If symptoms persist, seek medical attention.
In Case of Skin Contact	Flush skin with large amounts of water while removing contaminated clothing, and continue rinsing for at least 15 minutes. Wash contaminated clothing thoroughly before reuse. Discard contaminated shoes. Seek immediate medical attention.
In Case of Eye Contact	Immediately flush eyes with large amounts of water for 15 minutes, occasionally lifting the upper and lower lids. Remove contact lenses, if present and easy to do, after the first 2 minutes and continue rinsing. Seek immediate medical attention, preferably from an ophthalmologist.
If Swallowed	Rinse mouth with water if victim is conscious. Remove dentures, if any. Give 2 glasses of water or milk to drink if victim is conscious, alert and able to swallow. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Obtain medical attention immediately. To prevent aspiration of swallowed product, lay victim on side with the head lower than the waist.
Most Important Symptoms and Effects	Eyes: Causes burns to eyes and surrounding tissue. Symptoms may include redness, swelling, pain, tearing, burns, blurred vision, permanent eye damage and possible blindness. Mist or vapor can cause severe eye irritation and eye damage. Skin: Causes severe skin irritation and burns. Inhalation: Harmful if inhaled. May cause irritation of the nose, throat and respiratory system. Symptoms may include cough, sore throat, pain, headache, shortness of breath and lung inflammation. Material is extremely destructive to the mucous membranes and upper respiratory tract. Ingestion: Harmful if swallowed. Causes burns to the lips, mouth, throat and gastrointestinal tract. Causes headache, nausea vomiting, abdominal pain, diarrhea, tiredness, incoordination, collapse and unconsciousness. May cause perforation of the esophagus and stomach. May cause severe and permanent damage to the digestive tract. Chronic: Chronic exposure may result in damage to liver and kidneys.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Use extinguishing media suitable for surrounding fire.
Special Hazards Arising From the Substance/Mixture	Closed containers may explode due to the buildup of pressure when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent or may be delayed. Obtain medical attention.
Special PPE and/or Precautions for Firefighters	Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure buildup and possible auto ignition or explosion when exposed to extreme heat. Water contaminated by this material must be contained from being discharged to any waterway, sewer or drain to prevent environmental contamination.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear appropriate protective clothing designated in Section 8. Approach spill from upwind. Remove all sources of ignition. Ventilate the area. Spill creates a slip hazard.
Methods and Materials Used for Containment	Avoid dispersal of spilled material or runoff and prevent contact with soil and entry into drains, sewers or waterways.
Cleanup Procedures	Cover drains and contain spill. Carefully neutralize spill with lime or soda ash. Cover spill with a large quantity of inert absorbent. Do not use combustible material such as sawdust. Collect product and place into an approved container for proper disposal. Do not use a metal container for disposal. Observe possible material restrictions (Sections 7.2 and 10.5). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

Section 7: Handling and Storage

Precautions for Safe Handling	Wear all appropriate personal protective equipment specified in Section 8. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. If normal use of material presents a respiratory hazard, use only adequate ventilation or wear an appropriate respirator. Spills should be cleaned up promptly. Wash contaminated clothing before reuse. Destroy contaminated shoes. Keep away from heat and incompatible materials.
Conditions for Safe Storage	Store in accordance with local regulations. Store in original container in a dry, well ventilated area at 20-40 deg. C. away from incompatible materials (see Section 10.5) and food and drink. Keep in original container, or transfer only to approved containers having correct labeling. DO NOT store in metal containers. Keep containers tightly closed when not in use. Protect container from physical damage. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store protected from light and air. Keep away from alkalis. Keep away from metals. Use appropriate containment to avoid environmental contamination. Ventilate enclosed areas. Do not take internally. Keep locked up and out of reach of children.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Contains no substances with occupational exposure values.
Appropriate Engineering Controls	Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. Use adequate ventilation. Local exhaust is preferable. Individual protection measures: Wear protective clothing to prevent repeated or prolonged contact with product. Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the representative supplier. Hygiene measures: Facilities storing or using this material should be equipped with an eyewash station and safety shower. Change contaminated clothing. Preventative skin protection is recommended. Wash hands thoroughly after use, before eating, drinking or using the lavatory.
PPE - Eye/Face Protection	Wear protective goggles or safety glasses with non-perforated side shields and a face shield. Refer to 29 CFR 1910.133, ANSI Z 87.4 or Standard EN 166.
PPE - Skin Protection	Wear Nitrile rubber gloves or those recommended by glove supplier for protection against materials in Section 3. Gloves should be impermeable to chemicals and oil. Breakthrough time of gloves must be greater than the intended use period.
PPE - Body Protection	Protective clothing. Protective boots, if the situation requires.
PPE - Respiratory Protection	None required with normal handling. Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements. If there are no applicable exposure limit requirements, wear respiratory protection when adverse effects (e.g. respiratory irritation or discomfort) have been experienced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed; however, if material is heated or sprayed, use an approved air-purifying respirator. An organic vapor cartridge with a particulate pre-filter is an example of an effective air-purifying respirator.

Section 9: Physical and Chemical Properties

Appearance	Clear, pale yellow liquid.
Upper/Lower Flammability or Explosive Limits	Not applicable
Odor	Mild, similar to burnt sugar
Vapor Pressure	27.5 hPa @ 25°C
Odor Threshold	No data available
Vapor Density	<1 (Air = 1)
pH	0.4-0.7
Relative Density	No data available
Melting Point/Freezing Point	Freezing/Melting Point, Range 10 °C (50 °F), precipitates
Solubility	Solubility in Water Soluble @ 20 °C
Initial Boiling Point and Boiling Range	Initial Boiling Point 112 °C (234 °F)
Flash Point	Not applicable
Evaporation Rate	No data available
Flammability (Solid, Gas)	Not applicable
Partition Coefficient	n-octanol/water: log Pow = -0.07
Auto-Ignition Temperature	Not applicable
Decomposition Temperature	>100 °C (>212 °F)
Viscosity	11.3 cps @ 16 °C

Section 10: Stability and Reactivity

Reactivity	No special reactivity has been reported.
Chemical Stability	This product is stable under recommended storage conditions, handling and use.
Possibility of Hazardous Reactions	Risk of violent reaction and explosion with metals. Contact may generate flammable hydrogen gas. Hazardous polymerization does not occur.
Conditions to Avoid	Elevated temperatures. Contact with incompatible materials.
Incompatible Materials	Strong oxidizing agents, metals
Hazardous Decomposition Products	Thermal decomposition products include oxides of carbon.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 oral rat 1950 mg/kg
Acute Toxicity - Inhalation	LC50 rat (male): 3.6 mg/l, 4 h
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	Cause severe skin irritation and burns
Serious Eye Damage/Irritation	Causes burns and eye damage. Risk of blindness.
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	This material is not listed as a carcinogen by IARC, ACGIH, NTP or OSHA.
Carcinogenicity ACGIH	This material is not listed as a carcinogen by IARC, ACGIH, NTP or OSHA.
Carcinogenicity NTP	This material is not listed as a carcinogen by IARC, ACGIH, NTP or OSHA.
Carcinogenicity OSHA	This material is not listed as a carcinogen by IARC, ACGIH, NTP or OSHA.
Reproductive Toxicity	No data available
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	Large discharges of Glycolic Acid to the environment may decrease the pH of aquatic systems to a value <2, which may be fatal to aquatic life and soil micro-organisms. LC50 - Lepomis macrochirus (Bluegill), 24 - 48 h: 93 mg/l LC50 - Pimephales promelas (Fathead minnow) 96 h: 164 mg/l. Acute toxicity to aquatic invertebrates: EC50 - Daphnia magna (Water flea), 48 h: 141 mg/l Acute and prolonged toxicity to Aquatic plants: EbC50 - Pseudokirchneriella subcapitata (Green algae), 72 h: 22.5 mg/l
Persistence and Degradability	Readily biodegradable
Bio-accumulative Potential	Product will not bioaccumulate.
Mobility in Soil	No data available.
Other Adverse Effects	Handle in accordance with good industrial hygiene and safety practice. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Section 13: Disposal Considerations

Waste Treatment Methods Product	The generation of waste should be avoided or minimized whenever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. The classification of this product may meet the criteria for a hazardous waste.
Waste Treatment Methods Packaging	The generation of waste should be avoided or minimized whenever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. The classification of this product may meet the criteria for a hazardous waste.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	3265
UN Proper Shipping Name	Corrosive liquid, acidic, organic, n.o.s. (Glycolic acid)
Transport Hazard Class(es)	8
Packaging Group	II
Environmental Hazards	No data available

Section 15: Regulatory Information

U.S. Federal Regulations OSHA Hazard Communication Standard: This material is classified as hazardous in accordance with OSHA 29 CFR 1910.1200. OSHA Process Safety Management Standard: Chemicals in this product are not regulated under OSHA PSM Standard 29 CFR 1910.119. EPA Risk Management Planning Standard: Chemicals in this product are not regulated under EPA RMP Standard (RMP) 40 CFR Part 68. EPA Federal Insecticide, Fungicide and Rodenticide Act: This product is not a registered Pesticide under the FIFRA, 40 CFR Part 150. TSCA Status: Glycolic Acid (CAS # 79-14-1) is on the TSCA Inventory. It is not subject to TSCA 12 (b) Export Notification. Superfund Amendments and Reauthorization Act (SARA). SARA 313 Information: None of the chemicals in this product are subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986. SARA Section 311/312 Hazard Categories: Acute Health Hazard, Chronic Health Hazard SARA 302/304 Extremely Hazardous Substance: None of the chemicals in this product are subject to reporting requirements of these sections of Title III of SARA. SARA 302/304 Emergency Planning & Notification: sections of Title III of SARA. Comprehensive Response Compensation and Liability Act (CERCLA): This product contains no CERCLA reportable substances. None of the chemicals in this product are subject to reporting requirements of these. Clean Air Act (CAA) This product does not contain any substances that are listed as Hazardous Air Pollutants (HAPs) designated in CAA Section 112 (b). This product does not contain any Class 1 Ozone depleters. This product does not contain any Class 2 Ozone depleters. Clean Water Act (CWA) None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA. U.S. State Regulations California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains no chemical(s) known to the state of California to cause cancer or other reproductive harm. Other U.S. State Inventories: Glycolic Acid (CAS # 79-14-1) is not listed on any of the State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/Air Pollutants lists. Canada WHMIS Hazard Symbol and Classification: E - Corrosive. Canadian Controlled Products Regulations (CPR): Products Regulations, and the MSDS contains all the information required by the Controlled Products Regulations. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations, and the SDS contains all the information required by the Controlled Products Regulations. Canadian Ingredient Disclosure List (IDL): Glycolic Acid (CAS # 79-14-1) is listed on the IDL. European Economic Community Canadian National Pollutant Release Inventory (NPRI): None of the substances in this product are listed on the NPRI. Risk Phrases: Labeling (67/548/EEC or 1999/45/EC): R2 - Harmful if swallowed R34 - Causes burns. Safety Phrases: S1/2 - Keep locked up and out of the reach of children. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S45 - If you feel unwell, seek medical attention immediately (show label or this SDS where possible). Global Chemical Inventory Lists: Canada Domestic Substance List (DSL) Yes, Canada Non-Domestic Substance List (NDSL) No, Europe Inventory of New and Existing Chemicals (EINECS) Yes, United States Toxic Substance Control Act (TSCA) Yes, Australia Australian Inventory of Chemical Substances (AICS) Yes, New Zealand New Zealand Inventory of Chemicals (NZIoC) Yes, China Inventory of Existing Chemical Substances in China (IECSC) Yes, Japan Inventory of Existing and New Chemical Substances (ENCS) Yes, Korea Existing Chemicals List (ECL) Yes, Philippines Philippine Inventory of Chemicals and Chemical Substances (PICCS) Yes. **Yes" indicates that all components of this product are in compliance with the inventory requirements administered by the governing country. **No" indicates that one or more components of this product are not on the inventory and are not exempt from listing.

Section 16: Other Information

Additional Information	N/A
Prepared By	Lisa Russell
Revision Date	01/11/2019 14:29

Disclaimer

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