

Section 1: Identification

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| Common Name/Trade Name | PROPYLENE GLYCOL 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) NSW Poisons Information Centre: 131 126 (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) | propane-1,2-diol | |
| Relevant Use(s) of Product | Manufacture or Compounding of Substances | |

Section 2: Hazards Identification

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| Classification of Substance or Mixture | Not a hazardous substance or mixture. |
| Signal Word | None |
| Hazard Statement(s) | N/A |
| Pictogram(s) | N/A |
| Precautionary Statement(s) | N/A |
| Hazards Not Otherwise Classified | GHS classification in accordance with 29 CFR 1910.1200 Not a hazardous substance or mixture. |
| Ingredient(s) with Unknown Toxicity | No data available |

Section 3: Composition/Information on Ingredients

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| Chemical Name | Propylene glycol 1,2-Propanediol |
| Common Name | Propylene Glycol |
| CAS Number | 57-55-6 |
| Impurities and/or Stabilizing Additives | No data available |

Section 4: First Aid Measures

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| General Advice | If potential for exposure exists refer to Section 8 for specific personal protective equipment. |
| If Inhaled | Move person to fresh air and keep comfortable for breathing; consult a physician. |
| In Case of Skin Contact | Wash off with plenty of water. |
| In Case of Eye Contact | Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist. |
| If Swallowed | Rinse mouth with water. No emergency medical treatment necessary. |
| Most Important Symptoms and Effects | Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information. |

Section 5: Fire Fighting Measures

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| Suitable Extinguishing Media | Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective. Do not use direct water stream. May spread fire. |
| Special Hazards Arising From the Substance/Mixture | During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide. Container may rupture from gas generation in a fire situation. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids. |
| Special PPE and/or Precautions for Firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance. |

Section 6: Accidental Release Measures

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| Personal Precautions, Protective Equipment and Emergency Procedures | Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection. Keep unnecessary and unprotected personnel from entering the area. Keep personnel out of low areas. |
| Methods and Materials Used for Containment | Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. |
| Cleanup Procedures | Contain spilled material if possible. Small spills: Any absorbent material. Collect in suitable and properly labeled open containers. Wash the spill site with large quantities of water. Large spills: Dike area to contain spill. Pump into suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information. |

Section 7: Handling and Storage

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| Precautions for Safe Handling | Product handled hot may require additional ventilation or local exhaust. Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION. |
| Conditions for Safe Storage | Store away from direct sunlight or ultraviolet light. Keep container tightly closed when not in use. Store in a dry place. Protect from atmospheric moisture. Store in the following material(s): Stainless steel. Aluminum. Container lined with phenolic or epoxy-phenolic FDA food contact approved coating. 316 stainless steel. Opaque HDPE plastic container. Use within 24 Month |

Section 8: Exposure Controls/Personal Protection

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| Components with Workplace Control Parameters | If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable. |
| Appropriate Engineering Controls | Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations. |
| PPE - Eye/Face Protection | Use safety glasses (with side shields). If there is a potential for exposure to particles which could cause eye discomfort, wear chemical goggles. |
| PPE - Skin Protection | Use gloves chemically resistant to this material when prolonged or frequently repeated contact could occur. Examples of preferred glove barrier materials include: Butyl rubber. Polyethylene. Neoprene. Natural rubber ("latex"). Polyvinyl chloride ("PVC" or "vinyl"). Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyvinyl alcohol ("PVA"). Ethyl vinyl alcohol laminate ("EVAL"). NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. |
| PPE - Body Protection | Wear clean, body-covering clothing. |
| PPE - Respiratory Protection | Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as 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 discomfort is experienced, use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter. |

Section 9: Physical and Chemical Properties

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| Appearance | Liquid |
| Upper/Lower Flammability or Explosive Limits | Not data |
| Odor | Odorless |
| Vapor Pressure | 20 Pa at 25°C (77°F) EC Method A4 |
| Odor Threshold | No data available |
| Vapor Density | 2.62 Literature |
| pH | No data available |
| Relative Density | 1.03 at 20°C (68°F) / 20°C EC Method A3 |
| Melting Point/Freezing Point | < -20°C (< -4°F) EC Method A1 |
| Solubility | No data is available |
| Initial Boiling Point and Boiling Range | 184°C (363°F) at 752.46 mmHg EC Method A2 |
| Flash Point | closed cup 104°C (219°F) at 1,000.1 hPa EC Method A9 (PMCC) |
| Evaporation Rate | 0.01 |
| Flammability (Solid, Gas) | No data is available |
| Partition Coefficient | log Pow: -1.07 Measured |
| Auto-Ignition Temperature | > 400°C (> 752°F) at 100.01 kPa EC Method A15 |
| Decomposition Temperature | No data available |
| Viscosity | 43.4 mPa.s at 25°C (77°F) Literature Kinematic Viscosity No data available |

Section 10: Stability and Reactivity

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| Reactivity | No data available |
| Chemical Stability | Stable under recommended storage conditions. See Storage, Section 7. Hygroscopic |
| Possibility of Hazardous Reactions | Polymerization will not occur. |
| Conditions to Avoid | None known. |
| Incompatible Materials | Avoid contact with: Strong acids. Strong bases. Strong oxidizers. |
| Hazardous Decomposition Products | Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to: Aldehydes. Alcohols. Ethers. Organic acids. |

Section 11: Toxicological Information

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| Acute Toxicity - LD50 Oral | Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. |
| Acute Toxicity - Inhalation | At room temperature, exposure to vapor is minimal due to low volatility. |
| Acute Toxicity - Dermal | No data available |
| Acute Toxicity - Eye | No data available |
| Skin Corrosion/Irritation | Prolonged contact is essentially nonirritating to skin. Repeated contact may cause flaking and softening of skin. |
| Serious Eye Damage/Irritation | May cause slight temporary eye irritation. Corneal injury is unlikely. Mist may cause eye irritation. |
| Respiratory or Skin Sensitization | No Data available. |
| Germ Cell Mutagenicity | No data available |
| Carcinogenicity IARC | No data available |
| Carcinogenicity ACGIH | No data available |
| Carcinogenicity NTP | No data available |
| Carcinogenicity OSHA | No data available |
| Reproductive Toxicity | In animal studies, did not interfere with reproduction. In animal studies, did not interfere with fertility. |
| 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

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| Toxicity | Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested). |
| Persistence and Degradability | Material is readily biodegradable. Passes OECD test(s) for ready biodegradability. Biodegradation may occur under anaerobic conditions (in the absence of oxygen). 10-day Window: Pass |
| Bio-accumulative Potential | Bioaccumulation: Bioconcentration potential is low (BCF < 100 or Log Pow < 3). Partition coefficient: n-octanol/water (log Pow): -1.07 Measured Bioconcentration factor (BCF): 0.09 Estimate |
| Mobility in Soil | Given its very low Henry's constant, volatilization from natural bodies of water or moist soil is not expected to be an important fate process. Potential for mobility in soil is very high (Koc between 0 and 50). |
| Other Adverse Effects | No data available. |

Section 13: Disposal Considerations

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| Waste Treatment Methods Product | DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. |
| Waste Treatment Methods Packaging | DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. |
| Special Precautions Landfill or Incinerations | No data available |
| Other Information | No data available. |

Section 14: Transport Information

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| 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

EPCRA - Emergency Planning and Community Right-to-Know Act CERCLA Reportable Quantity This material does not contain any components with a CERCLA RQ. SARA 311/312 Hazards: No SARA Hazards SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61). California Prop. 65 This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm. All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Section 16: Other Information

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| Additional Information | Additional information on this and other products may be obtained by visiting our web page. Identification Number: 302371 / A001 / Issue Date: 08/07/2020 / Version: 12.0 Most recent revision(s) are noted by the bold, double bars in left-hand margin throughout this document. |
| Prepared By | Zondra Moody |
| Revision Date | 10/31/2022 12:50 |

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