

Section 1: Identification

Common Name/Trade Name	GUAIFENESIN	
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)	Glyceryl guaiacolate, Guaiacol glyceryl ether, Guaiphenesin	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Oral (Category 4), Serious eye damage/eye irritation (Category 2A), Respiratory irritation (Category 3)	
Signal Word	Warning	
Hazard Statement(s)	H302 Harmful if swallowed H315 Causes skin irritation H319 Causes serious eye irritation H335 May cause respiratory irritation	
Pictogram(s)		
Precautionary Statement(s)	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P285 In case of inadequate ventilation wear respiratory protection. P301+P312 IF SWALLOWED Call a POISON CENTER or doctor/physician if you feel unwell. P302+P352 IF ON SKIN 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. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P330 Rinse mouth. P332+P313 If skin irritation occurs Get medical advice/attention. P337+P313 If eye irritation persists Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container to an approved waste disposal plant.	
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	1,2-Propanediol, 3-(2-methoxyphenoxy)-(±)-
Common Name	Guaifenesin
CAS Number	93-14-1
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	General First Aid Procedures: Remove from exposure. Remove contaminated clothing. Persons developing serious hypersensitivity (anaphylactic) reactions must receive immediate medical attention. If person is not breathing give artificial respiration. If breathing is difficult give oxygen. Obtain medical attention. NOTE TO PHYSICIANS Overdose Treatment: For current information about the treatment of overdose, consult a certified Regional Poison Control Center by calling the number listed in your local telephone directory.
If Inhaled	Remove to fresh air.
In Case of Skin Contact	Flush with copious quantities of water.
In Case of Eye Contact	Flush with copious quantities of water.
If Swallowed	Flush out mouth with water. This material is readily absorbed from the gastrointestinal tract. Do not induce vomiting.
Most Important Symptoms and Effects	Adverse Effects: Adverse effects may include gastrointestinal discomfort, drowsiness, rash, dizziness, headache, nausea, vomiting, and diarrhea. Possible allergic reaction to material if inhaled, ingested or in contact with skin. Acute: Possible eye, skin, gastrointestinal and/or respiratory tract irritation. Chronic: Possible hypersensitization. Cross Sensitivity: Not available Target Organs: Not available Medical Conditions Aggravated by Exposure: Hypersensitivity to material, chronic respiratory problems (asthma, bronchitis, emphysema), cough with excess phlegm, and porphyria.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water spray, dry chemical, carbon dioxide or foam as appropriate for surrounding fire and materials.
Special Hazards Arising From the Substance/Mixture	This material is assumed to be combustible. As with all dry powders it is advisable to ground mechanical equipment in contact with dry material to dissipate the potential buildup of static electricity.
Special PPE and/or Precautions for Firefighters	As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Avoid inhalation of dust from the spilled material. Wear appropriate personal protective equipment.
Methods and Materials Used for Containment	Wear approved respiratory protection, chemically compatible gloves and protective clothing. Wipe up spillage or collect spillage using a high efficiency vacuum cleaner. Avoid breathing dust. Place spillage in appropriately labeled container for disposal. Wash spill site.
Cleanup Procedures	Wear approved respiratory protection, chemically compatible gloves and protective clothing. Wipe up spillage or collect spillage using a high efficiency vacuum cleaner. Avoid breathing dust. Place spillage in appropriately labeled container for disposal. Wash spill site.

Section 7: Handling and Storage

Precautions for Safe Handling	As a general rule, when handling this material, avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Wash thoroughly after handling.
Conditions for Safe Storage	Based on stability data, no special storage conditions are required with respect to protection from light or maximum storage temperature.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Exposure Limits: not available. Biological limit values: No biological exposure limits noted for the ingredient(s).
Appropriate Engineering Controls	Engineering controls such as exhaust ventilation are recommended. Handle in accordance with good industrial hygiene and safety practice
PPE - Eye/Face Protection	Safety glasses with side-shields are recommended. Face shields or goggles may be required if splash potential exists or if corrosive materials are present. Approved eye protection (e.g., bearing the ANSI Z 87 or CSA stamp) is preferred. Maintain eyewash facilities in the work area.
PPE - Skin Protection	Chemically compatible gloves. For handling solutions, ensure that the glove material is protective against the solvent being used. Use handling practices that minimize direct hand contact. Employees who are sensitive to natural rubber (latex) should use nitrile or other synthetic non-latex gloves. Use of powdered latex gloves should be avoided due to the risk of latex allergy.
PPE - Body Protection	For handling of laboratory scale quantities, a cloth lab coat is recommended. Where significant quantities are handled, work clothing may be necessary to prevent take-home contamination.
PPE - Respiratory Protection	Where respirators are deemed necessary to reduce or control occupational exposures, use NIOSH-approved respiratory protection and have an effective respirator program in place (applicable U.S. regulation OSHA 29 CFR 1910.134).

Section 9: Physical and Chemical Properties

Appearance	White or pale gray crystalline powder
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless or slight characteristic odor.
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	6.8
pH	5-6.5 (10g/L, water)
Relative Density	No data available
Melting Point/Freezing Point	78-82°C
Solubility	Soluble in water. Other solubility: Soluble in alcohol, in chloroform, and in propylene glycol; slightly soluble in ether; sparingly soluble in glycerine.
Initial Boiling Point and Boiling Range	215°C / 19mm Hg
Flash Point	176°C (closed cup)
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	(n-octanol/water:) 1.39
Auto-Ignition Temperature	550°C
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	Stable under recommended conditions of use.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Not available
Incompatible Materials	Strong acids, strong bases, strong oxidizing agents.
Hazardous Decomposition Products	When heated to decomposition, material emits acrid smoke and irritating fumes. Emits toxic fumes under fire conditions. Hazardous Polymerization: No

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 (oral- rat): 1510 mg/kg LD50 (oral- mouse): 690 mg/kg
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data available
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	Not available.
Carcinogenicity IARC	Not listed.
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	Not listed.
Carcinogenicity OSHA	Not listed.
Reproductive Toxicity	Some studies have found a possible relationship between Guaifenesin and inguinal hernias in the newborn, but this was not found in other studies.
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	No data available
Persistence and Degradability	No data available
Bio-accumulative Potential	Log Pow: 1.39, mobile substance, likely to migrate into aquatic environment.
Mobility in Soil	No data available
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Dispose of waste in accordance with all applicable local, regional, national, and international laws.
Waste Treatment Methods Packaging	Dispose of waste in accordance with all applicable local, regional, national, and international laws.
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

U.S. Regulatory Information: not available International Regulatory Information: EINECS # 202-222-5 Hazard code: Xn- Harmful HMIS (U.S.A.): Health Hazard: 2 Fire Hazard: 1 Reactivity: 0 Personal Protection: E National Fire Protection Association (U. S. A.): Health: 2 Flammability: 1 Reactivity: 0

Section 16: Other Information

Additional Information	N/A
Prepared By	Scarlotte Smith
Original Version Date	03/31/2021 17:16
Revision Date	30-Mar-2026 12:28 AUS

Disclaimer

Letco Medical, LLC believes that the above information is correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. If the product is used as a component in another product, this information may not be applicable. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED ABOVE. Letco Medical shall not be held liable for any loss or damage resulting from handling, storage, use or from contact with the above product.