

Section 1: Identification

Common Name/Trade Name	GLUCOSAMINE SULFATE POTASSIUM SALT	
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)	Bis(2-amino-2-deoxy-B-D-glucopyranose) sulfate potassium chloride complex (-,-)	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Not a dangerous substance or mixture according to the GHS.
Signal Word	None
Hazard Statement(s)	N/A
Pictogram(s)	N/A
Precautionary Statement(s)	N/A
Hazards Not Otherwise Classified	None known
Ingredient(s) with Unknown Toxicity	No data available

Section 3: Composition/Information on Ingredients

Chemical Name	Bis(2-amino-2-deoxy-B-D-glucopyranose) sulfate potassium chloride complex (-,-)
Common Name	GLUCOSAMINE SULFATE POTASSIUM SALT
CAS Number	1296149-08-0
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Show this safety data sheet to the doctor in attendance.
If Inhaled	Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Consult a physician.
In Case of Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Consult a physician.
In Case of Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.
If Swallowed	Rinse mouth. Never give anything by mouth to an unconscious person. Consult a physician.
Most Important Symptoms and Effects	Signs and Symptoms: No information available. Notes to Physician: Treat symptomatically

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water spray. Alcohol-resistant foam. Dry chemical. Carbon dioxide (CO ₂).
Special Hazards Arising From the Substance/Mixture	Flammable properties: Powdered material may form explosive dust-air mixtures. Hazardous Combustion Products: Thermal decomposition or combustion may produce hazardous gases and/or materials. Keep product and empty container away from heat and sources of ignition.
Special PPE and/or Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. In case of insufficient ventilation, wear suitable respiratory equipment.
Methods and Materials Used for Containment	Local authorities should be advised if significant spillages cannot be contained. Prevent further leakage or spillage if safe to do so. Do not allow into any sewer, on the ground or into any body of water. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.
Cleanup Procedures	Evacuate personnel to safe areas. Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly. Local authorities should be advised if significant spillages cannot be contained. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

Section 7: Handling and Storage

Precautions for Safe Handling	Use only in an area equipped with a safety shower. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation. Do not breathe vapours/dust. Avoid contact with skin, eyes and clothing. Avoid repeated exposure.
Conditions for Safe Storage	Keep container tightly closed. Keep in properly labeled containers. Incompatible Materials: Cadmium.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.
Appropriate Engineering Controls	Handle in accordance with good industrial hygiene and safety practice.
PPE - Eye/Face Protection	Tight fitting safety goggles.
PPE - Skin Protection	Use suitable eye protection and gloves.
PPE - Body Protection	Use suitable eye protection and gloves.
PPE - Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment.

Section 9: Physical and Chemical Properties

Appearance	Form: Solid, Free flowing White Crystalline Powder
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	No data available
Melting Point/Freezing Point	No data available
Solubility	Water Solubility Soluble
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	Not applicable.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to Avoid	Heat, flames and sparks.
Incompatible Materials	Cadmium.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide (CO ₂). Nitrogen Oxides (NO _x). Sulfur oxides. Oxides of Potassium. Hydrogen chloride gas.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	No data available
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	Contact with eyes may cause irritation. Avoid contact with eyes.
Skin Corrosion/Irritation	May be harmful by skin contact. Substance may cause slight skin irritation. Avoid contact with skin.
Serious Eye Damage/Irritation	Contact with eyes may cause irritation. Avoid contact with eyes.
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	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	There is no known ecological information for this product. 100% of the mixture consists of components of unknown hazards to aquatic environment.
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	Contact waste disposal services. Dispose of in accordance with local regulations.
Waste Treatment Methods Packaging	Dispose of in accordance with local regulations. Empty containers should be taken for local recycling, recovery or waste disposal.
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

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 Hazardous Categorization. No Acute Hazards. CWA (Clean Water Act) This product does not contain any substances regulated as pollutant pursuant to Clean Water (40 CFR 122.21 and 40 CFR 122.41). 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) of 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. California Proposition 65: This product does not contain any Proposition 65 chemicals. State Right To Know: This product does not contain any State Right-To-Know chemicals. U.S. EPA Label Information: EPA Pesticide Registration Number Not applicable. Canada WHMIS Statement: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR) and the MSDS contains all the information required by the CPR.

Section 16: Other Information

Additional Information	N/A
Prepared By	Lisa Russell
Revision Date	01/08/2019 16:08

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.