


Section 1: Identification

Common Name/Trade Name	ALPROSTADIL	
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)
Product Synonym(s)	N/A	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Oral (Category 4), Reproductive toxicity (Category 1A, 1B)	
Signal Word	Danger	
Hazard Statement(s)	H302 H360	Harmful if swallowed May damage fertility or the unborn child
Pictogram(s)		
Precautionary Statement(s)	P201 P273 P280 P315 P352	Obtain special instructions before use. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Get immediate medical advice/attention. Wash with soap and water.
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data Available	

Section 3: Composition/Information on Ingredients

Chemical Name	Alprostadiol
Common Name	Alprostadiol
CAS Number	745-65-3
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	In case of reactions described in hazards identification or other severe, immediate or persisting symptoms seek medical advice and call the nearest poison center. Show the label and this safety data sheet.
If Inhaled	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
In Case of Skin Contact	Flush with copious amounts of water and soap for at least 15 minutes. Remove contaminated clothing.
In Case of Eye Contact	Assure adequate flushing by separating the eyelids with fingers. Flush with copious amounts of water for at least 15 minutes.
If Swallowed	Not available
Most Important Symptoms and Effects	No data available

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	SMALL FIRE: Use Dry chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Special Hazards Arising From the Substance/Mixture	As with most organic solids, fire is possible at elevated temperatures. Fine dust dispersed in air in sufficient concentrations, and in the presence of ignition source is a potential dust explosion hazard.
Special PPE and/or Precautions for Firefighters	Wear self contained breathing apparatus, rubber boots and heavy rubber gloves.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.
Methods and Materials Used for Containment	Switch off electrical equipment and any other sources of ignition. Collect residues manually, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and neutralize spill site with sodium hypochlorite solution after material pick up is complete.
Cleanup Procedures	Switch off electrical equipment and any other sources of ignition. Collect residues manually, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and neutralize spill site with sodium hypochlorite solution after material pick up is complete.

Section 7: Handling and Storage

Precautions for Safe Handling	Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.
Conditions for Safe Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. The product must be stored at 2Â°C-8Â°C in a tight sealed container protected from light.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Not available
Appropriate Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
PPE - Eye/Face Protection	Safety glasses.
PPE - Skin Protection	Gloves
PPE - Body Protection	Lab Coat, gloves, safety glasses. In case of large spill, full suit, dust respirator, gloves.
PPE - Respiratory Protection	Dust respirator. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Section 9: Physical and Chemical Properties

Appearance	Physical Form: Solid. (White or slightly yellowish, crystalline powder.)
Upper/Lower Flammability or Explosive Limits	No data available
Odor	No data available
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	110°C (230°F) - 116 C
Solubility	Practically insoluble in water, freely soluble in alcohol, soluble in acetone, slightly soluble in ethyl acetate.
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	Log Pow: 3.2
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	Stable under recommended conditions of use.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Excess Light. Heat. Electric shock.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	COx and other substances in case of incomplete decomposition. Hazardous polymerization will not occur.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50/oral/rat: 228 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	Mutagenicity has been reported in studies on animals.
Carcinogenicity IARC	No data available
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	No data available
Carcinogenicity OSHA	No data available
Reproductive Toxicity	Reproductive toxicity (developmental and fertility) has been reported in humans. May cause miscarriage. See actual entry in RTECS for complete information.
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	Lipophilic. May bioaccumulate.
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	Dispose in accordance with local, state and federal regulations.
Waste Treatment Methods Packaging	Dispose in accordance with local, state and federal regulations.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	2811
UN Proper Shipping Name	Toxic solid, organic, n.o.s.
Transport Hazard Class(es)	6.1 Toxic substance
Packaging Group	III
Environmental Hazards	No data available

Section 15: Regulatory Information

No data available.

Section 16: Other Information

Additional Information	N/A
Prepared By	Lisa Russell
Revision Date	05/15/2019 10:46

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.