

Section 1: Identification

Common Name/Trade Name	EPINEPHRINE BITARTRATE 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)
Product Synonym(s)	Adrenaline Tartrate	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Oral (Category 2)	
Signal Word	Danger	
Hazard Statement(s)	H300	Fatal if swallowed
Pictogram(s)		
Precautionary Statement(s)	P301+P330+P331 P310	IF SWALLOWED Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	N/A
Common Name	Epinephrine Bitartrate
CAS Number	51-42-3
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	No information available.
If Inhaled	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen
In Case of Skin Contact	In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician
In Case of Eye Contact	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician
If Swallowed	If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.
Most Important Symptoms and Effects	No data available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water spray. Carbon Dioxide, dry chemical powder, or appropriate foam.
Special Hazards Arising From the Substance/Mixture	None
Special PPE and/or Precautions for Firefighters	Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.
Cleanup Procedures	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7: Handling and Storage

Precautions for Safe Handling	Ensure good ventilation at the workshop and store in cool, dry place in tightly closed containers. Information about protection against explosions and fires: Water spray. Carbon Dioxide, dry chemical powder, or appropriate foam.
Conditions for Safe Storage	Store in a cool location. Store in cool, dry condition and keep from light

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No further data.
Appropriate Engineering Controls	Wash contaminated clothing before reuse. Wash thoroughly after handling.
PPE - Eye/Face Protection	Chemical safety goggles.
PPE - Skin Protection	Compatible chemical-resistant gloves.
PPE - Body Protection	Chemical safety goggles. Compatible chemical-resistant gloves. Respirators.
PPE - Respiratory Protection	Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)/ Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Section 9: Physical and Chemical Properties

Appearance	Form: solid. Color: white or almost white crystalline powder
Upper/Lower Flammability or Explosive Limits	No data available
Odor	N/A
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	Not available
Relative Density	No data available
Melting Point/Freezing Point	Melting point: 155C
Solubility	No data available
Initial Boiling Point and Boiling Range	No data available
Flash Point	N/A
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	No data available
Auto-Ignition Temperature	N/A. Product is not self-igniting.
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No dangerous reactions known
Chemical Stability	No data available.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	May decompose on exposure to light.
Incompatible Materials	Bases, Oxidizing agents Iron and iron salts. Copper, Copper alloys.
Hazardous Decomposition Products	May decompose on exposure to light. Dangerous decomposition products: Carbon monoxide, Carbon dioxide, Nitrogen oxides.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral -Mouse-4mg/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	Mouse, Other cell types, DNA inhibition
Carcinogenicity IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
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	No data available. Do not allow product to reach ground water, water course or sewage system.
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	No data available.
Waste Treatment Methods Packaging	No data available.
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. 1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-, [R-(R,R)]-2,3-dihydroxybutanediotate (1:1) (salt)
Transport Hazard Class(es)	6.1
Packaging Group	I
Environmental Hazards	Not available.

Section 15: Regulatory Information

EU ADDITIONAL CLASSIFICATION Symbol of Danger: T+ Indication of Danger: Very toxic. R: 28-36/37/38

Section 16: Other Information

Additional Information	N/A
Prepared By	Scarlotte Smith
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