


## Section 1: Identification

<b>Common Name/Trade Name</b>	EPINEPHRINE BITARTRATE USP	
<b>Supplier Information</b>	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	<b>IN CASE OF EMERGENCY:</b> Chemtrec 1 (800) 424-9300 (24 hours)
<b>Product Synonym(s)</b>	Adrenaline Tartrate	
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances	

## Section 2: Hazards Identification

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

## Section 3: Composition/Information on Ingredients

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

## Section 4: First Aid Measures

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

## Section 5: Fire Fighting Measures

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

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.
<b>Methods and Materials Used for Containment</b>	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.
<b>Cleanup Procedures</b>	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

<b>Precautions for Safe Handling</b>	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.
<b>Conditions for Safe Storage</b>	Store in a cool location. Store in cool, dry condition and keep from light

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	No further data.
<b>Appropriate Engineering Controls</b>	Wash contaminated clothing before reuse. Wash thoroughly after handling.
<b>PPE - Eye/Face Protection</b>	Chemical safety goggles.
<b>PPE - Skin Protection</b>	Compatible chemical-resistant gloves.
<b>PPE - Body Protection</b>	Chemical safety goggles. Compatible chemical-resistant gloves. Respirators.
<b>PPE - Respiratory Protection</b>	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

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

## Section 10: Stability and Reactivity

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

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	LD50 Oral -Mouse-4 mg/kg.
<b>Acute Toxicity - Inhalation</b>	No data available
<b>Acute Toxicity - Dermal</b>	No data available
<b>Acute Toxicity - Eye</b>	No data available
<b>Skin Corrosion/Irritation</b>	No data available
<b>Serious Eye Damage/Irritation</b>	No data available
<b>Respiratory or Skin Sensitization</b>	No data available
<b>Germ Cell Mutagenicity</b>	Mouse, Other cell types, DNA inhibition
<b>Carcinogenicity IARC</b>	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.
<b>Carcinogenicity ACGIH</b>	No data available.
<b>Carcinogenicity NTP</b>	No data available.
<b>Carcinogenicity OSHA</b>	No data available.
<b>Reproductive Toxicity</b>	No data available.
<b>Specific Target Organ Toxicity - Single Exposure</b>	No data available.
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	No data available
<b>Aspiration Hazard</b>	No data available

## Section 12: Ecological Information

<b>Toxicity</b>	No data available. Do not allow product to reach ground water, water course or sewage system.
<b>Persistence and Degradability</b>	No data available
<b>Bio-accumulative Potential</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other Adverse Effects</b>	No data available

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	No data available.
<b>Waste Treatment Methods Packaging</b>	No data available.
<b>Special Precautions Landfill or Incinerations</b>	No data available
<b>Other Information</b>	No data available

## Section 14: Transport Information

<b>UN Number</b>	2811
<b>UN Proper Shipping Name</b>	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)
<b>Transport Hazard Class(es)</b>	6.1
<b>Packaging Group</b>	I
<b>Environmental Hazards</b>	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

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Scarlotte Smith
<b>Revision Date</b>	09/30/2020 10:56

### 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.