

## Section 1: Identification

<b>Common Name/Trade Name</b>	Terbutaline Sulfate 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>	N/A	
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances	

## Section 2: Hazards Identification

<b>Classification of Substance or Mixture</b>	Resp. Sens. 1, Repr. 2, Skin Sens. 1	
<b>Signal Word</b>	Danger	
<b>Hazard Statement(s)</b>	H317 H334 H361	May cause an allergic skin reaction May cause allergy or asthma symptoms or breathing difficulties if inhaled Suspected of damaging fertility or the unborn child
<b>Pictogram(s)</b>		
<b>Precautionary Statement(s)</b>	P261 P280 P285 P405 P501	Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection. Store locked up. Dispose of contents/container to an approved waste disposal plant.
<b>Hazards Not Otherwise Classified</b>	Results of PBT and vPvB assessment: PBT: Not applicable. vPvB: Not applicable.	
<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>	Terbutaline Sulfate
<b>CAS Number</b>	23031-32-5
<b>Impurities and/or Stabilizing Additives</b>	No data available

## Section 4: First Aid Measures

<b>General Advice</b>	No further relevant information available
<b>If Inhaled</b>	Supply fresh air; consult doctor in case of complaints
<b>In Case of Skin Contact</b>	Immediately wash with water and soap and rinse thoroughly.
<b>In Case of Eye Contact</b>	Rinse opened eye for several minutes under running water.
<b>If Swallowed</b>	Rinse mouth. Do not induce vomiting.
<b>Most Important Symptoms and Effects</b>	No further relevant information available

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	CO <sub>2</sub> , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
<b>Special Hazards Arising From the Substance/Mixture</b>	Formation of toxic gases is possible during heating or in case of fire.
<b>Special PPE and/or Precautions for Firefighters</b>	Wear self-contained respiratory protective device.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Wear protective clothing.
<b>Methods and Materials Used for Containment</b>	Do not allow product to reach sewage system or any water course. Pick up mechanically.
<b>Cleanup Procedures</b>	Do not allow product to reach sewage system or any water course. Pick up mechanically.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Store in cool, dry place in tightly closed receptacles.
<b>Conditions for Safe Storage</b>	Store in a cool location. Store only in the original receptacle. Keep container in a well-ventilated place. Keep away from sources of ignition and heat. Store away from foodstuffs.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	Ingredients with limit values that require monitoring at the workplace: Not required.
<b>Appropriate Engineering Controls</b>	The usual precautionary measures are to be adhered to when handling chemicals.
<b>PPE - Eye/Face Protection</b>	Safety glasses
<b>PPE - Skin Protection</b>	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>PPE - Body Protection</b>	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>PPE - Respiratory Protection</b>	Not required

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	White crystalline powder
<b>Upper/Lower Flammability or Explosive Limits</b>	Not determined
<b>Odor</b>	odorless
<b>Vapor Pressure</b>	Not applicable
<b>Odor Threshold</b>	Not determined
<b>Vapor Density</b>	Not applicable
<b>pH</b>	Not applicable
<b>Relative Density</b>	Not determined
<b>Melting Point/Freezing Point</b>	246-248 °C
<b>Solubility</b>	Soluble in water
<b>Initial Boiling Point and Boiling Range</b>	Not determined.
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not determined
<b>Flammability (Solid, Gas)</b>	Not determined
<b>Partition Coefficient</b>	No data available
<b>Auto-Ignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	Not determined
<b>Viscosity</b>	Not applicable

## Section 10: Stability and Reactivity

<b>Reactivity</b>	Stable under normal conditions
<b>Chemical Stability</b>	Stable under normal conditions
<b>Possibility of Hazardous Reactions</b>	No dangerous reactions known
<b>Conditions to Avoid</b>	Heat
<b>Incompatible Materials</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	Formation of toxic gases is possible during heating or in case of fire.

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	No data available
<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 irritating effect.
<b>Serious Eye Damage/Irritation</b>	No irritating effect.
<b>Respiratory or Skin Sensitization</b>	No sensitizing effects known.
<b>Germ Cell Mutagenicity</b>	No data available
<b>Carcinogenicity IARC</b>	No data available
<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>	Aquatic toxicity: No further relevant information available.
<b>Persistence and Degradability</b>	No further relevant information available
<b>Bio-accumulative Potential</b>	No further relevant information available.
<b>Mobility in Soil</b>	No further relevant information available.
<b>Other Adverse Effects</b>	No further relevant information available.

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	Must not be disposed of together with household garbage. Do not allow product to reach sewage system. <b>Uncleaned packaging:</b> Recommendation: Dispose of in accordance with national regulations. Recommended cleansing agents: Water, if necessary together with cleansing agents.
<b>Waste Treatment Methods Packaging</b>	Must not be disposed of together with household garbage. Do not allow product to reach sewage system. <b>Uncleaned packaging:</b> Recommendation: Dispose of in accordance with national regulations. Recommended cleansing agents: Water, if necessary together with cleansing agents.
<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>	Not dangerous goods.
<b>UN Proper Shipping Name</b>	N/A
<b>Transport Hazard Class(es)</b>	N/A
<b>Packaging Group</b>	N/A
<b>Environmental Hazards</b>	Marine pollutant: No, Yes (PP)

## Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture · Philippines Inventory of Chemicals and Chemical Substances Substance is listed. · Australian Inventory of Chemical Substances Substance is listed. · Standard for the Uniform Scheduling of Drugs and Poisons Substance is not listed. · Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## Section 16: Other Information

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Lisa Russell
<b>Revision Date</b>	01/07/2019 12:58

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