

Section 1: Identification
Product Name Terbutaline Sulfate USP

Commercial Name Not available.

Product Use API

Restrictions On Use N/A

Product Code 30-2765

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300
Section 2: Hazard(s) Identification
OSHA Haz Com: Resp. Sens. 1 Repr. 2 Skin Sens. 1
CFR 1910.1200
Signal Word DANGER

Hazard Statement(s) 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.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

| | |
|-------------------|---|
| Prevention | 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 |
| Response | Not available. |
| Storage | Store locked up. |
| Disposal | Dispose of contents/container to an approved waste disposal plant. |

Section 3: Composition/Information on Ingredients
Substance/Mixture substance

Components Terbutaline Sulfate

% By Weight 100%

CAS# 23031-32-5

Molecular Weight 512.68 g/mole

Chemical Formula C₁₂H₁₉NO₃·1/2H₂O

Synonym(s) 5-[2-[1,1-Dimethylamino]-1-hydroxyethyl]-1,3-benzenediol sulfate

Mixtures

| Name | CAS# | % by Weight | TLV/PEL | LC50/LD50 |
|---------------------|------------|-------------|----------------|--|
| Terbutaline sulfate | 23031-32-5 | 100 | Not available. | ORAL (LD50): Acute: 8700 mg/kg [Rat]. 205 mg/kg [Mouse]. 8001 mg/kg [Rabbit]. |

Section 4: First-Aid Measures

| | |
|------------------------------------|---|
| Inhalation | Supply fresh air; consult doctor in case of complaints. |
| Skin Contact | In case of skin contact flush with copious amounts of water for at least 15 min. remove contaminated clothing and shoes. Call a physician. |
| Eye Contact | In case of contact of eyes flush with copious amounts of water for at least 15 min. Ensure adequate flushing by separating the eyelids with finger. Call a physician. |
| Ingestion | Rinse mouth. Do not induce vomiting. |
| Symptoms/Effects | |
| Acute | N/A |
| Delayed | N/A |
| Immediate Medical Attention | |
| Not available. | |

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Formation of toxic gases is possible during heating or in case of fire.

Firefighters Special Equipment and Precautions

Wear self-contained respiratory protective device.

Section 6: Accidental Release Measures

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

Section 7: Handling and Storage

Precautions for Safe Handling: Store in cool, dry place in tightly closed receptacles. Conditions for Safe Storage: 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

| | |
|-----------------------------|--|
| Exposure Limits | Not available. |
| Engineering Controls | The usual precautionary measures are to be adhered to when handling chemicals. |
| Personal Protection | <p>PPE - Eye/Face Protection Safety glasses</p> <p>PPE - Skin Protection: 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. PPE - Body Protection: 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. PPE - Respiratory Protection Not required</p> |

Section 9: Physical and Chemical Properties

| | | | |
|---|--------------------------|--|----------------|
| Appearance | White crystalline powder | | |
| Odor | odorless | | |
| Odor Threshold | N/A | | |
| Melting Point | 246-248 °C | pH | N/A |
| Freezing Point | N/A | Vapor Pressure | Not available. |
| Boiling Point/Range | Not available | Vapor Density | Not available. |
| Decomposition temperature | N/A | Viscosity | Not available. |
| Partition Coefficient: n-octanol/water | N/A | Evaporation Rate | N/A |
| Flash Point | Not available. | Autoignition temperature | N/A |
| Flammability | N/A | Flammability or Explosive Limits: | |
| | | Lower | N/A |
| | | Upper | N/A |
| Solubility(ies) | Soluble in water | | |
| Other | Not available. | | |

Section 10: Stability and Reactivity

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

Section 11: Toxicological Information
RTECS DN9000000

Acute Toxicity

Not available.

Skin Corrosion/Irritation

N/A

Serious Eye Damage/Irritation

N/A

Respiratory or Skin Sensitization

No sensitizing effects known.

Germ Cell Mutagenicity

N/A

Carcinogenicity

N/A

Reproductive Toxicity

Not available.

Routes of Entry

Not available.

Symptoms Related to Exposure

N/A



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

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Potential Health Effects

N/A

Target Organ(s) Not available.

Section 12: Ecological Information

Ecotoxicity

Aquatic toxicity: No further relevant information available.

Persistence and Degradability

N/A

Bioaccumulative Potential

N/A

Mobility in Soil

N/A

Other Adverse Effects

N/A

Section 13: Disposal Considerations

Waste Disposal

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Uncleaned packaging: • Recommendation: Dispose of in accordance with national regulations. Recommended cleansing agents: Water, if necessary together with cleansing agents.

Disposal of Container

Dispose of in accordance with national regulations

Other Considerations

N/A

Section 14: Transport Information

DOT Classification

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information

Regulations

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.

Other

Not available.

Section 16: Other Information

Not available.