

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-Dimethyl]amino]-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	PPE - Eye/Face Protection Safety glasses 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

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
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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

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.