

**Section 1: Identification**

<b>Product Name</b>	BRIMONIDINE TARTRATE USP
<b>Commercial Name</b>	N/A
<b>Product Use</b>	Antiglaucoma
<b>Restrictions On Use</b>	N/A
<b>Product Code</b>	30-5105
<b>Company</b>	PCCA 9901 South Wilcrest Houston, TX 77099 Phone: 1-800-331-2498 Fax: 1-800-874-5760
	In case of emergency contact: <b>CHEMTREC (24hr) 1-800-424-9300</b>

**Section 2: Hazard(s) Identification**

<b>OSHA Haz Com:</b>	N/A
<b>CFR 1910.1200</b>	
<b>Signal Word</b>	<b>DANGER</b>
<b>Hazard Statement(s)</b>	TOXIC IF SWALLOWED. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE RESPIRATORY IRRITATION.

**Pictogram(s) or Symbol(s)**

**Precautionary Statement(s):**

<b>Prevention</b>	Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required
<b>Response</b>	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
<b>Storage</b>	N/A
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.

**Section 3: Composition/Information on Ingredients**

<b>Substance/Mixture</b>	SUBSTANCE
<b>Components</b>	BRIMONIDINE TARTRATE
<b>% By Weight</b>	>=99.5%
<b>CAS#</b>	70359-46-5
<b>Molecular Weight</b>	442.23
<b>Chemical Formula</b>	C11H10BrN5.C4H6O6
<b>Synonym(s)</b>	N/A

**Mixtures**

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
BRIMONIDINE TARTRATE	70359-46-5	>=99.5%	N/A	N/A

**Section 4: First-Aid Measures**

<b>Inhalation</b>	Supply fresh air; seek immediate medical attention.
<b>Skin Contact</b>	Remove contaminated clothing. Flush area with large amount of water. Use soap. Seek medical attention.
<b>Eye Contact</b>	Rinse opened eye for at least 15 minutes under running water. Seek medical attention immediately.
<b>Ingestion</b>	Rinse out mouth and then drink plenty of water. Seek immediate medical advice immediately. Do not induce vomiting unless directed.
<b>Symptoms/Effects</b>	
<b>Acute</b>	N/A
<b>Delayed</b>	N/A

**Immediate Medical Attention**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**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**

N/A

**Products of Combustion**

Carbon monoxide and carbon dioxide Nitrogen oxides (NOx), Hydrogen bromide

**Firefighters Special Equipment and Precautions**

Mouth respiratory protective device and protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental Release Measures**

Large spill and leak : Collect residues manually. Avoid raising dust. Ventilate area and wash spill site with water after material pick up is complete. Keep away from drains, surface- and groundwater and soil. Personal protection in case of large spill : Self-contained breathing apparatus, appropriate boots and heavy rubber gloves. Safety goggles. Protective clothing. Environmental precautions : Take precautions to prevent entry into waterways, sewers, or surface drainage systems. Disposal according to local or international regulations

**Section 7: Handling and Storage**

Handling: Ensure good ventilation/exhaustion at the workplace. Wear suitable protective clothing. Handle in accordance with good industrial hygiene practice. Information about fire - and explosion protection: Dust can combine with air to form an explosive mixture.

Storage: Keep container tightly closed. Check all containers are clearly labeled and free from leaks. Wear gloves, and handle at 25 °C. PRESERVE IN WELL-CLOSED, LIGHT-RESISTANT CONTAINER. STORE AT ROOM TEMPERATURE.

**Section 8: Exposure Controls/Personal Protection**

<b>Exposure Limits</b>	N/A
<b>Engineering Controls</b>	Mechanical exhaust required.
<b>Personal Protection</b>	Respiratory system : In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. Gas mask with filter type A. Skin and body : Full body protective clothing Hands : Use chemical resistant gloves Wash hands before breaks and at the end of work. Eyes : Safety glasses

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	A solid White to yellowish powder, Crystalline powder		
<b>Odor</b>	N/A		
<b>Odor Threshold</b>	N/A		
<b>Melting Point</b>	N/A	<b>pH</b>	N/A
<b>Freezing Point</b>	N/A	<b>Vapor Pressure</b>	N/A
<b>Boiling Point/Range</b>	N/A	<b>Vapor Density</b>	N/A
<b>Decomposition temperature</b>	N/A	<b>Viscosity</b>	N/A
<b>Partition Coefficient:</b> n-octanol/water	N/A	<b>Evaporation Rate</b>	N/A
<b>Flash Point</b>	N/A	<b>Autoignition temperature</b>	N/A
<b>Flammability</b>	N/A	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	N/A
		<b>Upper</b>	N/A
<b>Solubility(ies)</b>	Soluble in water		
<b>Other</b>	Molecular mass: 442.22 g/mol		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	N/A
<b>Chemical Stability</b>	Product is considered stable
<b>Hazardous Polymerization</b>	N/A
<b>Conditions to Avoid</b>	Heat. Electric shock
<b>Incompatible Materials</b>	N/A
<b>Hazardous Decomposition Products</b>	Carbon monoxide and carbon dioxide. Hydrogen chloride (HCl). Nitrogen oxides (NOx). Hazardous polymerization will not occur.

**Section 11: Toxicological Information**

<b>RTECS</b>	N/A
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**Acute Toxicity**

Quantitative data on the toxicity of this product are not available

**Skin Corrosion/Irritation**

Material may be irritating to the skin and the mucous membranes

**Serious Eye Damage/Irritation**

Material may be irritating to the eyes

**Respiratory or Skin Sensitization**

N/A

**Germ Cell Mutagenicity**

N/A

**Carcinogenicity**

N/A

**Reproductive Toxicity**

N/A

**Routes of Entry**

N/A

**Symptoms Related to Exposure**

N/A

**Potential Health Effects**

N/A

**Target Organ(s)** N/A**Section 12: Ecological Information****Ecotoxicity**

N/A

**Persistence and Degradability**

N/A

**Bioaccumulative Potential**

low potential for bioaccumulation

**Mobility in Soil**

Moderate mobility in groundwater. Moderate mobility in soil.

**Other Adverse Effects**

N/A

**Section 13: Disposal Considerations****Waste Disposal**

Method of disposal; waste of residues: Observe all federal ,state and local environmental regulations. Must not be disposed together with household garbage. Do not allow product to reach sewage system

**Disposal of Container**

Contaminated, empty containers must be disposed of as chemical waste

**Other Considerations**

N/A

**Section 14: Transport Information****DOT Classification**

Not dangerous according to the above specifications

**Section 15: Regulatory Information****Regulations**

EU Regulations Labelling according to EU guidelines: The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Material. Hazard designation of product: : Xn Harmful Risk phrases: : See section 2 Safety phrase : See section 2 Product use : Anti-glaucoma.

**Other**

N/A

**Section 16: Other Information**

The information contained here is applicable solely to the chemical substance when used in manufacturing, and does not relate to other use of the substance described. Its use is intended by persons having technical skill, and at their own discretion and risk. The information has been developed from sources considered reliable, but has not been independently verified. Therefore, the manufacturer cannot guarantee the accuracy of the information from these sources, nor should the statements contained herein be considered an official expression. No representation of warranty, expressed or implied, including the warranties of suitability and fitness for a particular use, is made with respect to the information contained herein. ATTENTION: This product is sold for manufacturing purpose only.