

**Section 1: Identification**
**Product Name** Oxymetazoline Hydrochloride USP

**Commercial Name** Not available.

**Product Use** Not available.

**Restrictions On Use** Not available.

**Product Code** 50-3205

**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:** Acute toxicity, oral (Category 1) Acute toxicity, inhalation (Category 1) Serious eye damage/eye irritation  
**CFR 1910.1200** (Category 1)

**Signal Word** DANGER

**Hazard Statement(s)** Fatal if swallowed or if inhaled. Causes serious eye damage.

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

**Precautionary Statement(s):**

<b>Prevention</b>	Not available.
<b>Response</b>	Eye : Hazardous in case of eye contact (irritant). Skin : Hazardous in case of skin contact (irritant). Ingestion : Extremely hazardous in case of ingestion. Inhalation : Very hazardous in case of inhalation. Severe over exposure can result in death. The substance may be toxic to central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.
<b>Storage</b>	Not available.
<b>Disposal</b>	Not available.

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

<b>Substance/Mixture</b>	Substance
<b>Components</b>	Oxymetazoline Hydrochloride USP
<b>% By Weight</b>	100
<b>CAS#</b>	2315-02-8
<b>Molecular Weight</b>	296.84 g/mole
<b>Chemical Formula</b>	C16-H24-N2-O.HCl
<b>Synonym(s)</b>	Afrazine; Afrin; Afrin Hydrochloride; 2-(t-butyl-2,6-dimethyl-3-hydroxybenzyl)-2-imidazolinium chloride

Mixtures				
Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Oxymetazoline Hydrochloride	2315-02-8	98.5	Not Available.	Not Available.

**Section 4: First-Aid Measures**

<b>Inhalation</b>	Avoid inhalation. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.
<b>Skin Contact</b>	Avoid contact. Immediately wash skin with soap and copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If irritation persists, seek immediate medical attention.
<b>Eye Contact</b>	Avoid contact. Immediately flush eyes with copious amounts of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.
<b>Ingestion</b>	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie, belt or waistband. Get medical attention immediately.
<b>Symptoms/Effects</b>	
<b>Acute</b>	Not available.
<b>Delayed</b>	Not available.
<b>Immediate Medical Attention</b>	Not available.

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

Dry chemical powder, water spray, fog or foam.

**Unsuitable Extinguishing Media**

Do not use waterjet

**Products of Combustion**

Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks

**Firefighters Special Equipment and Precautions**

Fire and Explosion: Flammability of the Product: May be combustible at high temperature. Auto-Ignition Temperature: Not available. Flash Points: CLOSED CUP: Higher than 93.3°C (200qF). Wear self-contained breathing apparatus and protective clothing to prevent contact with the skin and eyes.

**Section 6: Accidental Release Measures**

Personal precautions: Ensuring personal safety, mark out contaminated area with signs and prevent unauthorized access. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Switch off electrical equipment and any other sources of ignition. Environmental: Turn leaking containers up to prevent further leaks. Evacuate precautions the area. Method for cleaning up: Poisonous solid. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapours. Collect substance manually, wipe up spillage or collect spillage using a high efficiency vacuum cleaner. Avoid breathing dust. Place spillage in appropriately labeled container and hold up for disposal. Avoid raising dust. Ventilate area and wash spill site with water/detergent solution after pick-up complete.

**Section 7: Handling and Storage**

Handling: Avoid contact with eyes, skin and clothing. Avoid inhalation of dust, vapors associated with the material. Wash thoroughly after handling. Storage : Keep container tightly closed. Keep container in a cool, well-ventilated area away from heat, sources of ignition and away from incompatibles such as oxidizing agents.

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

<b>Exposure Limits</b>	Not available.
<b>Engineering Controls</b>	Not available.
<b>Personal Protection</b>	Respiratory protection : Protecting mask required. Hand Protection : Chemical-resistant gloves required. Eye protection : Chemical safety goggles required, General safety and hygiene measures: Immediately change contaminated clothing. Wash hands and face after working with substance.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	White crystalline powder		
<b>Odor</b>	Odorless		
<b>Odor Threshold</b>	Not available.		
<b>Melting Point</b>	301.5°C (574.7°F)	<b>pH</b>	Between 4.0 and 6.5.
<b>Freezing Point</b>	Not available.	<b>Vapor Pressure</b>	Not available.
<b>Boiling Point/Range</b>	Not available.	<b>Vapor Density</b>	Not available.
<b>Decomposition temperature</b>	Not available.	<b>Viscosity</b>	Not available.
<b>Partition Coefficient: n-octanol/water</b>	Not available.	<b>Evaporation Rate</b>	Not available.
<b>Flash Point</b>	Not available.	<b>Autoignition temperature</b>	Not available.
<b>Flammability</b>	Not available.	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available.
		<b>Upper</b>	Not available.
<b>Solubility(ies)</b>	Soluble in water and in alcohol.		
<b>Other</b>	Not available.		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available.
<b>Chemical Stability</b>	The product is stable.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Conditions to Avoid</b>	Excess heat, incompatible materials.
<b>Incompatible Materials</b>	Reactive with oxidizing agents.
<b>Hazardous Decomposition Products</b>	Carbon oxides, Nitrogen oxides.

**Section 11: Toxicological Information****RTECS** SK1225000**Acute Toxicity**

Oral: LD50/rat: 0.68 mg/kg. Dermal: LD50/rat: 10 mg/kg. Inhalation: LC50/rat: approx. 0.02 mg/l /4h. Skin irritation: Rabbit: Non irritant.

**Skin Corrosion/Irritation**

Not available.

**Serious Eye Damage/Irritation**

Not available.

**Respiratory or Skin Sensitization**

Not available.

**Germ Cell Mutagenicity**

Not available.

**Carcinogenicity**

Not available.

**Reproductive Toxicity**

Not available.

**Routes of Entry**

Ingestion. inhalation. Skin.

**Symptoms Related to Exposure**

Not available.

**Potential Health Effects**

Not available.

**Target Organ(s)** Extremely hazardous in case of ingestion. Very hazardous in case of inhalation. Hazardous in case of skin contact (**Section 12: Ecological Information****Ecotoxicity**

Products of Biodegradation: Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise.

**Persistence and Degradability**

Not available.

**Bioaccumulative Potential**

Not available.

**Mobility in Soil**

Not available.

**Other Adverse Effects**

Not available.

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

Dissolve or mix material with a suitable combustible solvent and incinerate in a chemical incinerator equipped with an afterburner and scrubber. Material should be disposed of in keeping with all local and national legislation. Packing should be disposed of in keeping with all local and national legislation. Handled contaminated containers as product.

**Disposal of Container**

Not available.

**Other Considerations**

Not available.

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

DOT classification: CLASS 6,1: Poisonous material Identification: Toxic solid, organic, n.o.s. (Oxymetazoline Hydrochloride) UNNA: 2811 PG: I

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

Risk Codes: R26/27/28: Very toxic by inhalation, in contact with skin and if swallowed. R36/38: Irritating to eyes and skin. Safety Description: S1/2: Keep locked up and out of the reach of children. S28: After contact with skin, wash immediately with plenty of water. S36/37: Wear suitable protective clothing and gloves. S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S46: If swallowed, seek medical advice immediately and show this container or label). HMIS (U.S.A.): Health Hazard: 4 Fire Hazard: 1 Reactivity: 0 Personal Protection: E National Fire Protection Association (U.S.A.): Health: 4 Flammability: 1 Reactivity: 0 Specific Hazard: Local regulation should be consulted for additional requirements.

**Other**

Not available.

**Section 16: Other Information**



## Safety Data Sheet

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

Oxymetazoline Hydrochloride USP

50-3205

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