

Section 1: Identification

Product Name Oxyquinoline Sulfate
Commercial Name 8-hydroxyquinoline sulfate
Product Use Specified quality tests and assay use only.
Restrictions On Use Not for use as a drug. Not for administration to humans or animals.
Product Code 30-5279
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: Health hazards: Acute toxicity, oral; category 4.
CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Harmful if swallowed.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention	Do not eat, drink, or smoke when using this product. Wash face, hands, and any exposed skin thoroughly after handling.
Response	If swallowed: call a poison center/doctor if you feel unwell. Rinse mouth.
Storage	N/A
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Oxyquinoline sulphate
% By Weight N/A
CAS# 134-31-6
Molecular Weight 388.39 gm/mol
Chemical Formula C18H14N2O2 H2SO4
Synonym(s) Oxyquinoline Sulphate, 8-Hydroxyquinoline sulfate, Hydroxyquinolinesulphate

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Oxyquinoline Sulphate	134-31-6	N/A	N/A	N/A

Section 4: First-Aid Measures

Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention if irritation develops. Consult a physician if necessary.
Eye Contact	Flush eyes with water for 15 minutes. Get medical attention if irritation occurs. If symptoms persist, call a physician.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Obtain medical attention.
Symptoms/Effects	
Acute	Health injuries are not known or expected under normal use.
Delayed	Health injuries are not known or expected under normal use.

Immediate Medical Attention

Provide general supportive measures and treat symptomatically. First-aid providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

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

Use fire-extinguishing media appropriate for surrounding materials. Water. Foam. Dry chemical or CO₂.

Unsuitable Extinguishing Media

No information available.

Products of Combustion

Carbon monoxide, carbon dioxide. Sulfur oxides. May be combustible at high temperatures.

Firefighters Special Equipment and Precautions

Wear suitable protective equipment. Use water spray to cool unopened containers. As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing. Use standard firefighting procedures and consider the hazards of other involved materials.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes, and clothing. Avoid dust formation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Remove all sources of ignition. Environmental Precautions: prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Methods and material for containment and cleaning up: Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading. Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

Section 7: Handling and Storage

Provide sufficient air exchange and/or exhaust in work rooms. Avoid dust formation. Keep away from incompatible materials. Safe Handling advice: wear personal protective equipment. Avoid contact with skin, eyes, and clothing. Keep away from heat and sources of ignition. Do not ingest. Do not breath dust. Handle in accordance with good industrial hygiene and safety practice. Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated place. Store at ambient temperature in the original container. Protect from light. Sensitive to light. Store in light-resistant containers. Store away from incompatible materials. (Incompatible materials: metals, oxidizing agents, alkalis, amines).

Section 8: Exposure Controls/Personal Protection

Exposure Limits	No biological exposure limits noted for the ingredients.
Engineering Controls	Ensure adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Control parameters components with workplace control parameters.



Safety Data Sheet

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

Oxyquinoline Sulfate

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Personal Protection

Eye protection: safety glasses with side-shields or goggles. Skin and body protection: long-sleeved clothing. Chemical resistant apron. Gloves. Respiratory protection: effective dust mask. Use a dust respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentration of dust (dust clouds) inadequate ventilation, development of respiratory tract irritation), and engineering controls are not feasible. Be sure to use an approved/certified respirator or equivalent. Hygiene measures: avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink, or smoke. General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Appearance	light yellow to Yellow powder; solid		
Odor	Slight saffron odor		
Odor Threshold	N/A		
Melting Point	347-365°F (175-185°C)	pH	N/A
Freezing Point	N/A	Vapor Pressure	<0.0000001 kPa at 25C
Boiling Point/Range	N/A	Vapor Density	N/A
Decomposition temperature	N/A	Viscosity	N/A
Partition Coefficient: n-octanol/water	N/A	Evaporation Rate	N/A
Flash Point	N/A	Autoignition temperature	N/A
Flammability	N/A	Flammability or Explosive Limits:	
		Lower	N/A
		Upper	N/A
Solubility(ies)	Very soluble in water.		
Other	N/A		

Section 10: Stability and Reactivity

Reactivity	No reactivity hazards known
Chemical Stability	Stable under recommended storage conditions.
Hazardous Polymerization	N/A
Conditions to Avoid	Excess heat. Avoid dust formation. Incompatible materials.
Incompatible Materials	Metals, oxidizing agents, alkalis. Amines.
Hazardous Decomposition Products	NOx. SOx. Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions.

Section 11: Toxicological Information

RTECS	Not available.
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Acute Toxicity	LD50, Oral Rat >2,000 mg/kg
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Skin Corrosion/Irritation	N/A
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Serious Eye Damage/Irritation	N/A
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Respiratory or Skin Sensitization	N/A
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Germ Cell Mutagenicity	N/A
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Carcinogenicity	N/A
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Reproductive Toxicity	N/A
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Routes of Entry	N/A
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Symptoms Related to Exposure

N/A

Potential Health Effects

N/A

Target Organ(s) N/A

Section 12: Ecological Information

Ecotoxicity

No ecotoxicity data noted for the ingredient.

Persistence and Degradability

No data is available on the degradability of this product.

Bioaccumulative Potential

N/A

Mobility in Soil

N/A

Other Adverse Effects

N/A

Section 13: Disposal Considerations

Waste Disposal

Dispose in accordance with all applicable regulations. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

Disposal of Container

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Other Considerations

Section 14: Transport Information

DOT Classification

Not dangerous goods.

Section 15: Regulatory Information

Regulations

Not regulated.

Other

N/A

Section 16: Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.