

OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
Neminath Industrial Estate No.6,
Navghar, Vasai (East), Palghar - 410210.
Maharashtra, INDIA.

Tel: +91 250 2390032 / 2390989 / 2390990
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MATERIAL SAFETY DATA SHEET

SELENIC ACID MSDS CAS: 7783-08-6

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: SELENIC ACID

CAS#: 7783-08-6

Chemical Name: SELENIC ACID

Chemical Formula: Not available.

Brand : OXFORD

Details Of The Supplier Of The Safety Data Sheet :

Company identification: OXFORD LAB FINE CHEM LLP
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
Navghar, Vasai (East). Palghar - 401 210.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
Tel/Fax: 91-250-2390032

Section 2: Composition and Information on Ingredients

SUBSTANCE NAME	CAS NO.	CONTENTS
SELENIC ACID	7783-08-6	40 %
WATER	7732-18-5	60 %

Section 3: Hazards Identification

Toxic by inhalation, in contact with skin and if swallowed. Corrosive to skin, eyes and respiratory tract.

Danger

Emergency Overview:
of cumulative effects.

Primary Routes of Exposure: Ingestion, inhalation, skin, eyes

Eye Contact: Causes burns to the eyes.

Skin Contact: Causes burns to the skin, and upon repeated contact, dermatitis. May be absorbed through the skin.

Inhalation: Toxic and corrosive by inhalation.

Ingestion: Toxic if swallowed. Ingestion may lead to nausea, vomiting, diarrhea, weakness, and chronic diseases.

Corrosive to skin, eyes and respiratory tract. Toxic by inhalation, in contact with skin and if swallowed.

May

Acute Health Affects: cause vomiting, bloody diarrhea, weakness, chills, headache, and delayed pulmonary edema.

Danger of cumulative effects. Prolonged exposure to selenium compounds may cause dermatitis, diarrhea,

Chronic Health Affects: liver damage, nervous disorders, lameness, and loss of vitality. Equivocal tumorigenic agent by RTECS

criteria. Reproductive effector.

NTP: No

IARC: No

OSHA: No

Section 4: First Aid Measures

Immediately flush the eyes with copious amounts of water for at least 10-15 minutes. A victim may need

Eye Exposure: assistance in keeping their eye lids open. Get immediate medical attention. Wash the affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if

Skin Exposure: irritation persists. Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in Inhalation, breathing, coughing, wheezing or pain. In such cases seek immediate medical assistance.

Seek medical attention immediately. Keep the victim calm. Give the victim water (only if conscious). Induce

Ingestion: vomiting only if directed by medical personnel.

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Section 5: Fire and Explosion Data

Flash Point: no data available.

Autoignition Temperature: no data available.

Explosion Limits: no data available.

Extinguishing Medium: None required

If this product is involved in a fire, firefighters should be equipped with NIOSH approved positive pressure

Special Fire Fighting Procedures: self-contained breathing apparatus.

Hazardous Combustion and If involved in a fire, this material may emit toxic and corrosive fumes.

Decomposition Products: Unusual Fire or Explosion Hazards: No unusual fire or explosion hazard.

Section 6: Accidental Release Measures

Small spills can be absorbed into vermiculite or other suitable adsorbent. Sweep up the material and dispose

Spill and Leak Procedures: Not available.

Section 7: Handling and Storage

Precautions for safe handling and storage: Store the material in a sealed container.

Section 8: Exposure Controls/Personal Protection

Eye Protection: Always wear approved safety glasses when handling a chemical substance in the laboratory.

Skin Protection: The material is corrosive and can be absorbed through the skin. Wear gloves and full protective clothing.

Ventilation: Handle the material in an efficient fume hood.

If ventilation is not available a respirator should be worn.

Respirator: Protection Program to be in compliance with 29 CFR 1910.134.

Ventilation: Handle the material in an efficient fume hood.

Additional Protection: May be corrosive and absorbed through the skin. Wear gloves and full protective clothing.

Section 9: Physical and Chemical Properties

Physical state and appearance	: Liquid.
Odor	: Not determined.
Taste	: Not available.
Molecular Weight	: 144.97
Color	: Colorless.
pH (1% soln/water)	: Not available.
Boiling Point	: Not available.
Melting Point	: Not available.
Critical Temperature	: Not available.
Specific Gravity	: Not available.
Vapor Pressure	: Not applicable.
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: Not available.
Solubility	: Soluble in water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions to avoid: None.

Incompatibility with various substances: Strong bases and active metals.

Materials to avoid: Not available.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Hazardous decomposition products: Selenium oxide.

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Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity:

- **Inhalation:** Based on available data, the classification criteria are not met.
- **Dermal:** Based on available data, the classification criteria are not met.
- **Ingestion:** Based on available data, the classification criteria are not met.

Irritation: Based on available data, the classification criteria are not met.

Corrosion: Based on available data, the classification criteria are not met.

Sensitization: Based on available data, the classification criteria are not met.

Mutagenicity: Mutagen.

Carcinogenicity: Based on available data, the classification criteria are not met.

Toxic for reproduction: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Section 12: Ecological Information

Toxicity information: Inorganic selenium is toxic for aquatic organisms. Must be <0.05 mg/l in drinking water 40CFR141.51

BOD5 and COD: Not available.

Persistence - degradability: Not available.

Bioaccumulative potential: Not established.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

Results of PBT and vPvB assessment: Not available.

Environmental precautions: Not available.

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Oxford
Range of
Laboratory Chemicals

Section 13: Disposal Considerations

Neutralize the acid with lime or sodium bicarbonate. Commercial kits are available for cleaning up acid spills.
Disposal: Dispose of according to local, state and federal regulations.

Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name : Selenic acid
UN N° : 1905
ADR - Class : 8

Sea transport (IMDG) [English only]

Proper shipping name : Selenic acid
UN N° : 1905
IMO-IMDG - Class or division : 8
IMO-IMDG - Packing group : I

Air transport (ICAO-IATA) [English only]

Proper shipping name : Selenic acid
UN N° : 1905
IATA - Class or division : 8
IATA - Packing group : I

Section 15: Other Regulatory Information

TSCA: Listed in the TSCA inventory.
SARA (Title 313): Title compound: See category code N725 for reporting.
Second Ingredient: not listed.

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Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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