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Oxford
Range of
Laboratory Chemicals

# MATERIAL SAFETY DATA SHEET

## LEAD OXALATE 99%

### CAS NO. : 814-93-7

## Section 1: Chemical Product and Company Identification

**Section 1: Chemical Product**

**Product Name: LEAD OXALATE 99%**
**CAS#: 814-93-7**
**C.I. No.: Not available.**
**Synonym: Not available.**
**Chemical Name: LEAD OXALATE 99%**
**Chemical Formula: $C_2O_4Pb$**

**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**
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## Section 2: Composition and Information on Ingredients

| COMPONENT | CAS NO. | WEIGHT % |
|---|---|---|
| Calcium oxalate monohydrate | 5794-28-5 | >95 |
| Ethanedioic acid, calcium salt (1:1) | 563-72-4 | - |

# Section 3: Hazards Identification

## Classification of the substance or mixture

**This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)**

**Acute oral toxicity: Category 4**
**Acute dermal toxicity: Category 4**

**Other hazards : NONE.**

# Section 4: First Aid Measures

## Description of first aid measures

### General advice

**Consult a physician. Show this safety data sheet to the doctor in attendance.**

### If inhaled

**If breathed in, move person into fresh air. If not breathing, give artificial respiration.**

### In case of skin contact

**Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.**

### In case of eye contact

**Flush eyes with water as a precaution.**

### If swallowed

**Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.**

### Indication of any immediate medical attention and special treatment needed

**No data available**

# Section 5: Fire and Explosion Data

### Extinguishing media

### Suitable extinguishing media

**Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.**

### Special hazards arising from the substance or mixture

**Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.**

### Advice for firefighters

**Wear self contained breathing apparatus for fire-fighting if necessary.**

### Further information

**No data available**

# Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures
**Avoid dust formation. Avoid breathing vapor, mist or gas.**

### Environmental precautions
**No special environmental precautions required.**

### Methods and materials for containment and cleaning up
**Sweep up and shovel. Keep in suitable, closed containers for disposal.**

# Section 7: Handling and Storage

### Handling
**Wear personal protective equipment. Ensure adequate ventilation. Avoid dust formation. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation.**

### Storage
**Keep containers tightly closed in a dry, cool and well-ventilated place.**

# Section 8: Exposure Controls/Personal Protection

### Control parameters
### Exposure controls
### Appropriate engineering controls
**Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.**

### Personal protective equipment
### Eye/face protection
**Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166**

### Skin and body protection
**Long sleeved clothing**

### Respiratory protection
**Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.**

# Section 9: Physical and Chemical Properties

**Information on basic physical and chemical properties**

| | |
|---|---|
| **a)Appearance Form** | **: White powder.** |
| **b)Odour** | **: No data available.** |
| **c)Odour threshold** | **: No data available.** |
| **d)pH** | **: Not applicable.** |
| **e)Melting point** | **: 200 °C / 392 °F** |
| **f)Initial boiling point andboiling range** | **: No data available.** |
| **g)Autoignition temperature** | **: No data available.** |
| **h)Flammability (solid, gas)** | **: No data available.** |
| **i)Upper/lower flammability or explosive limits** | **: No data available.** |
| **j)Flash point [°C]** | **: No data available.** |
| **k)Evaporation rate** | **: No data available.** |
| **l)Vapour pressure** | **: No data available.** |
| **m)Vapour density** | **: No data available.** |
| **n)Relative density,** | **: No data available.** |
| **o)Solubility in water** | **: No data available.** |
| **p)Viscosity** | **: No data available.** |
| **q)Explosive properties** | **: No data available.** |
| **r)Oxidising properties** | **: No data available.** |
| **s)Decomposition temperature** | **: No data available.** |
| **t)Autoignition temperature** | **: No data available.** |
| **u)Molecular Weight** | **: No data available.** |

# Section 10: Stability and Reactivity Data

**Reactivity : No data available.**

**Chemical stability : Hygroscopic.**

**Possibility of hazardous reactions : No data available.**

**Conditions to avoid : Avoid dust formation. Incompatible products. Excess heat.**

**Incompatible materials : Strong oxidizing agents.**

**Hazardous decomposition products: Carbon monoxide (CO), Carbon dioxide (CO2)**

# Section 11: Toxicological Information

**Information on toxicological effects**

**Acute toxicity**
No data available

**Skin corrosion/irritation**
No data available

**Serious eye damage/eye irritation**
No data available

**Respiratory or skin sensitization**
No data available

**Germ cell mutagenicity**
No data available

**Carcinogenicity**
IARC: Not listed.

**Reproductive toxicity**
No data available

**Specific target organ toxicity - single exposure**
No data available

**Specific target organ toxicity - repeated exposure**
No data available

**Aspiration hazard**
No data available

# Section 12: Ecological Information

**Ecotoxicity:** Do not empty into drains.

**Persistence - degradability :** Insoluble in water.

**Bioaccumulative potential :** Not established.

**Mobility :** Is not likely mobile in the environment due its low water solubility.

**Other adverse effects :**
No data available.

## Section 13: Disposal Considerations

**Waste treatment methods**

**Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.**

## Section 14: Transport Information

**Land transport (ADR-RID)**

**General information : Not regulated.**

**Sea transport (IMDG) [English only]**

**General information : Not regulated.**

**Air transport (ICAO-IATA) [English only]**

**General information : Not regulated.**

## Section 15: Other Regulatory Information

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.**

**Chemical Safety Assessment**

**For this product a chemical safety assessment was not carried out.**

## Section 16 - Additional Information

**References: Not available.**

**Other Special Considerations: Not available.**

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