OXFORD LAB FINE CHEM LLP

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Oxford
Range of
Laboratory Chemicals

# MATERIAL SAFETY DATA SHEET

# LEAD ACETATE INDICATOR PAPERS

**CAS NO. :**

## Section 1: Chemical Product and Company Identification

**Section 1: Chemical Product**

**Product Name: LEAD ACETATE INDICATOR PAPERS**
**CAS#: Not available.**
**C.I. No.: Not available.**
**Synonym: Not available.**
**Chemical Name: LEAD ACETATE INDICATOR PAPERS**
**Chemical Formula: Not applicable.**

**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

**Hazardous ingredients according to Regulation (EC) No 1272/2008.**

| Component | Cas No. | Concentration |
|---|---|---|
| Lead di(acetate) trihydrate Included in the Candidate List of Substances of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 (REACH) | | |
| | 6080-56-4 | >=3-<10% |

# Section 3: Hazards Identification

## Classification of the substance or mixture

**Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008**
**Reproductive toxicity(Category 1A), H360Df**
**Acute aquatic toxicity(Category 1), H400**
**Chronic aquatic toxicity(Category 1), H410**

**Other hazards : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.**

# Section 4: First Aid Measures

## Description of first aid measures

### 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.**
### 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
**Carbon oxides, Lead oxides**

### Advice for firefighters
**Wear self contained breathing apparatus for fire fighting if necessary.**

# Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.**

### Environmental precautions

**Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.**

### Methods and materials for contain ent and cleaning up

**Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.**

# Section 7: Handling and Storage

### Precautions for safe handling

**Avoid formation of dust and aerosols.**
**Avoid exposure -obtain special instructions before use.**
**Provide appropriate exhaust ventilation at places where dust is formed.**

### Conditions for safe storage, including any incompatibilities

**Store in cool place. Keep container tightly closed in a dry and well-ventilated place.**
**Storage class (TRGS 510): Combustible solids, toxic**

# Section 8: Exposure Controls/Personal Protection

### Control parameters

### Exposure controls

### Appropriate engineering controls

**Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.**

### Personal protective equipment

### Eye/face protection

**Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).**

# Section 8: Exposure Controls/Personal Protection (Continued)

### Skin protection

**Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.**
**The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.**

### Body Protection

**Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.**

### Respiratory protection

**Where risk assessment shows air-purifying respirators are appropriate use (EN 143) respirator cartridges as a backup to engineering controls. If full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).**

# Section 9: Physical and Chemical Properties

**Information on basic physical and chemical properties**

| | |
|---|---|
| **a)Appearance Form** | **: Solid** |
| **b)Odour** | **: No data available.** |
| **c)Odour threshold** | **: No data available.** |
| **d)pH** | **: Not applicable.** |
| **e)Melting point/Freezing point** | **: No data available.** |
| **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.** |

## Section 9: Physical and Chemical Properties (Continued)

**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 : Stable under recommended storage conditions.**

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

**Conditions to avoid : No data available.**

**Incompatible materials : No data available.**

**Hazardous decomposition products**
**Other decomposition products - Hazardous decomposition products formed under fire conditions- Carbon oxides, Lead oxides.**

## 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: 2A-Group 2A: Probably carcinogenic to humans(Lead di(acetate) trihydrate)**

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# Section 11: Toxicological Information (Continued)

**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**
**Additional Information**
**RTECS: Not available**

# Section 12: Ecological Information

**Toxicity:** **No data available.**

**Persistence - degradability :** **No data available.**

**Bioaccumulative potential :** **Not established.**

**Mobility in soil :** **Not established.**

**Results of PBT and vPvB assessment :** **This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.**

**Other adverse effects :**
**Very toxic to aquatic life.**

# Section 13: Disposal Considerations

**Waste treatment methods**
**Product**
**Offer surplus and non-recyclable solutions to a licensed disposal company.**
**Dissolve or mix the material with a combustible solvent and burn in a chem scrubber.**

**Contaminated packaging**
**Dispose of as unused product.**

# Section 14: Transport Information

## Land transport (ADR-RID)

**Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Lead di(acetate) trihydrate)**
**UN N° : 3077**
**ADR - Class : 9**

## Sea transport (IMDG) [English only]

**Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Lead di(acetate) trihydrate)**
**UN N° : 3077**
**IMO-IMDG - Class or division : 9**
**IMO-IMDG - Packing group : III**

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

**Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Lead di(acetate) trihydrate)**
**UN N° : 3077**
**IATA - Class or division : 9**
**IATA - Packing group : III**

# 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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