

# 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.  
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## **MATERIAL SAFETY DATA SHEET**

### **PARA-TOLUENE SULPHONIC ACID (Monohydrate) 98% (For Synthesis) MSDS CAS: 6192-52-5**

#### **Section 1: Chemical Product and Company Identification**

##### **Section 1: Chemical Product**

**Product Name:** PARA-TOLUENE SULPHONIC ACID (Monohydrate) 98% (For Synthesis)

**CAS#:** 6192-52-5

**Chemical Name:** PARA-TOLUENE SULPHONIC ACID (Monohydrate) 98% (For Synthesis)

**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 / Preparation:** p-TOLUENE SULFONIC ACID 98%

**CAS#:** 6192-52-5

**Substance.**

Contains no other components or impurities which will influence the classification of the product.

## Section 3: Hazards Identification

**Classification of the substance or mixture**

**Classification EC 67/548 or EC 1999/45**

**Classification : Xi; R36/37/38**

**Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)**

**Health hazards: Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation - Category 3 - Warning (CLP : STOT SE 3) H335**

**Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2) H319**

**Skin irritation - Category 2 - Warning (CLP : Skin Corr. 2) H315**

**Other hazards : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.**

## Section 4: First Aid Measures

### Description of first aid measures:

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

**Skin contact:** Get medical advice. Specific treatment (see on this label). Wash contaminated clothing before reuse. Wash with plenty of soap and water.

**Eye contact:** Get medical advice. If eye irritation persists: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

**Ingestion:** Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting.

### Most important symptoms and effects, both acute and delayed:

**Symptoms relating to use:** Causes serious eye irritation.

Causes skin irritation. May cause respiratory irritation.

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

**General information:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

## Section 5: Fire and Explosion Data

### Extinguishing media:

- Suitable extinguishing media** : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
**Unsuitable extinguishing media** : Do not use a heavy water stream.  
**Surrounding fires** : Use water spray or fog for cooling exposed containers.

### Special hazards arising from the substance or mixture:

- Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.

### Advice for fire-fighters:

- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.  
**Special procedures** : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures:

- For emergency responders** :Equip cleanup crew with proper protection.  
:Ventilate area.

- For non-emergency personnel** :Evacuate unnecessary personnel.

### Environmental precautions

- Environmental precautions** :Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### Methods and material for containment and cleaning up:

- Clean up methods** : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

## Section 7: Handling and Storage

### Precautions for safe handling

**Handling :** Wash thoroughly after handling. Use only outdoors or in a well-ventilated area.

**Technical protective measures :** Provide good ventilation in process area to prevent formation of vapour.

**Special precautions:** Avoid breathing dust, fume, gas, mist, vapours, spray.

**Conditions for safe storage, including any incompatibilities:**

**Storage :** Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.  
**Storage - away from :** Strong bases. Strong acids. Sources of ignition. Direct sunlight.

## Section 8: Exposure Controls/Personal Protection

### Exposure controls:

**Personal protection:** Avoid all unnecessary exposure.

- **Respiratory protection:** Wear approved mask.
- **Hand protection:** Wear protective gloves.
- **Skin protection:** Wear suitable protective clothing.
- **Eye protection:** Chemical goggles or safety glasses.
- **Others:** When using, do not eat, drink or smoke.

### Control parameters:

**Occupational Exposure Limits:** No data available.

## Section 9: Physical and Chemical Properties

<b>Physical state and appearance</b>	: Solid.
<b>Odor</b>	: Not applicable.
<b>Taste</b>	: Not available.
<b>Molecular Weight</b>	: Not available.
<b>Color</b>	: White crystalline.
<b>pH (1% soln/water)</b>	: Not available.
<b>Boiling Point</b>	: 140 °C

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

<b>Melting Point</b>	: 103 - 106 °C.
<b>Critical Temperature</b>	: Not available.
<b>Specific Gravity</b>	: Not available.
<b>Vapor Pressure</b>	: Not applicable.
<b>Vapor Density</b>	: Not available.
<b>Flash point</b>	: 180 °C
<b>Volatility</b>	: Not available.
<b>Odor Threshold</b>	: Not available.
<b>Water/Oil Dist. Coeff.</b>	: Not available.
<b>Ionicity (in Water)</b>	: Not available.
<b>Dispersion Properties</b>	: Not available.
<b>Solubility</b>	: Soluble in water.

## Section 10: Stability and Reactivity Data

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions to avoid:** Direct sunlight. Extremely high or low temperatures.

**Incompatibility with various substances:** Not available.

**Materials to avoid:** Strong acids. Strong bases.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Not available.

**Hazardous decomposition products:** Fumes. Carbon monoxide. Carbon dioxide.

## 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:** Causes serious eye irritation.

Causes skin irritation.

May cause respiratory irritation.

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

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

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

**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:** Not available.

**BOD5 and COD:** Not available.

**Persistence - degradability:** Biodegradable.

**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:** The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

**Environmental precautions:** Avoid release to the environment.

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## Section 13: Disposal Considerations

**Waste Disposal:** Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

## Section 14: Transport Information

### Land transport (ADR-RID)

**Proper shipping name :** ALKYL SULPHONIC ACIDS, SOLID or ARYL SULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid

**UN N° :** 2585

**ADR - Class :** 8

**Labelling – Transport :** 8 : Corrosive substance.

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

**Proper shipping name :** ALKYL SULPHONIC ACIDS, SOLID or ARYL SULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid

**UN N° :** 2585

**IMO-IMDG - Class or division :** 8 : Corrosive substance.

**IMO-IMDG - Packing group :** III

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

**Proper shipping name :** ALKYL SULPHONIC ACIDS, SOLID or ARYL SULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid

**UN N° :** 2585

**IATA - Class or division :** 8 : Corrosive substance.

**IATA - Packing group :** III

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## Section 15: Other Regulatory Information

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

**Safety, health and environmental regulations/legislation specific for the substance or mixture** : Ensure all national/local regulations are observed.

**REACH Restrictions - Annex XVII** : The components of this product are not subject to restrictions.

**REACH Authorisation - Annex XIV** : The components of this product are not subject to authorization.

**Chemical Safety Assessment:**

**Chemical Safety Assessment** : It has not been carried out.

## Section 16 - Additional Information

**References:** Not available.

**Other Special Considerations:** Not available.

### *Disclaimer:*

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The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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