

## **MATERIAL SAFETY DATA SHEET**

# **ANTHRAQUINONE-2-SULPHONIC ACID SODIUM SALT (EXTRA PURE)(Silver Salt) MSDS CAS: 153277-35-1**

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

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

**Product Name:** Anthraquinone-2-Sulphonic Acid Sodium Salt (Silver Salt)

**CAS#:** 153277-35-1

**C.I. No.:** Not available.

**Synonym:** Not available.

**Chemical Name:** Not available.

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

#### **Composition:**

Name	CAS #	% by Weight
Anthraquinone-2-Sulphonic Acid Sodium Salt (Silver Salt)	153277-35-1	100

## 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

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

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

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

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

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

Symptoms relating to use : Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation.

## Section 4: First Aid Measures(Continued)

### 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

## Section 6: Accidental Release Measures(Continued)

**Environmental precautions :** Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Avoid release to the environment.

### 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.

### Reference to other sections

See section 8. Exposure controls/personal protection

## Section 7: Handling and Storage

### Precautions for safe handling

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

**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 tightly closed

**Storage - away from :** Strong bases. Strong acids. Sources of ignition. Direct sunlight.

### Specific end use(s)

**Specific end use(s) :** None.

## 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

### Information on basic physical and chemical properties

<b>Physical state at 20 °C</b>	<b>: Solid.</b>
<b>Colour</b>	<b>: Buff crystalline</b>
<b>Odour</b>	<b>: N/A</b>
<b>Odour threshold</b>	<b>: No data available.</b>
<b>pH value</b>	<b>: Not applicable.</b>
<b>Melting point [°C]</b>	<b>: &gt; 300 °C</b>
<b>Decomposition point [°C]</b>	<b>: N/A</b>
<b>Critical temperature [°C]</b>	<b>: N/A</b>
<b>Auto-ignition temperature [°C]</b>	<b>: N/A</b>
<b>Flammability (solid, gas)</b>	<b>: N/A</b>
<b>Flash point [°C]</b>	<b>: N/A</b>
<b>Boiling point [°C]</b>	<b>: N/A</b>
<b>Initial boiling point [°C]</b>	<b>: N/A</b>
<b>Final boiling point [°C]</b>	<b>: N/A</b>
<b>Evaporation rate</b>	<b>: N/A</b>

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

Vapour pressure [20°C]	: N/A
Vapour pressure mm/Hg	: N/A
Vapour density	: N/A
Density [g/cm <sup>3</sup> ]	: N/A
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: N/A
Solubility in water	: N/A
Log Pow octanol / water at 20°C	: No data available.
Solubility	: N/A
Viscosity at 40°C [mm <sup>2</sup> /s]	: N/A

### Other information

Explosive properties	: N/A
Explosion limits - upper [%]	: N/A
Explosion limits - lower [%]	: N/A
Oxidising properties	: No data available.

## Section 10: Stability and Reactivity Data

### Reactivity

Reactivity : Not established.

### Chemical stability

Chemical stability : Stable under recommended storage conditions.

### Possibility of hazardous reactions

Hazardous reactions : Not established.

### Conditions to avoid

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

## Section 10: Stability and Reactivity Data

### Incompatible materials

Materials to avoid : Strong acids. Strong bases.

### Hazardous decomposition products

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

## Section 11: Toxicological Information

### Information on toxicological effects

**Toxicity information :** The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

### 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.                                  |
| Corrosion              | : Based on available data, the classification criteria are not met.                                  |
| Irritation             | : Causes serious eye irritation.<br>: Causes skin irritation.<br>: May cause respiratory irritation. |
| 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

**Toxicity information :** The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

### Persistence - degradability

**Persistence - degradability :** Biodegradable.

### Bioaccumulative potential

**Bioaccumulative potential :** Not established.

### Mobility in soil

**Mobility in soil :** Not established.

### Results of PBT and vPvB assessment

**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.

### Other adverse effects

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

## Section 13: Disposal Considerations

### Waste treatment methods

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

## 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

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

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.

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