

# OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

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## **MATERIAL SAFETY DATA SHEET**

### **SODIUM ARSENATE Heptahydrate 98% Extra Pure MSDS CAS: 10048-95-0**

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

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

**Product Name:** SODIUM ARSENATE Heptahydrate

**CAS#:** 10048-95-0

**Chemical Name:** SODIUM ARSENATE Heptahydrate

**Chemical Formula:** Na<sub>2</sub>HAsO<sub>4</sub>·7H<sub>2</sub>O

**Brand :** OXFORD

##### **Details Of The Supplier Of The Safety Data Sheet :**

**Company identification:**      **OXFORD LAB FINE CHEM LLP**  
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#### **Section 2: Composition and Information on Ingredients**

##### **Composition:**

Name	CAS #	% by Weight
Sodium Arsenate	10048-95-0	100

## Section 3: Hazards Identification

**Classification of the substance or mixture**

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

**Classification** : T; R23/25  
N; R50-53

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

**Health hazards:** Acute toxicity, Inhalation - Category 3 - Danger (CLP : Acute Tox. 3) H331  
Acute toxicity, Oral - Category 3 - Danger (CLP : Acute Tox. 3) H301

**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:** Assure fresh air breathing. Allow the victim to rest. Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment (see on this label). Immediately call a POISON CENTER or doctor

**Skin contact:** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

**Eye contact:** Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

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

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

**Symptoms relating to use:** Danger of serious damage to health by prolonged exposure through inhalation. Swallowing a small quantity of this material will result in serious health hazard

### 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:

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

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

<b>Hazardous combustion products</b>	<b>: Under fire conditions, hazardous fumes will be present.</b>
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### Advice for fire-fighters:

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

## Section 6: Accidental Release Measures

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

<b>For emergency responders</b>	<b>: Equip cleanup crew with proper protection.</b>
	<b>: Ventilate area.</b>

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

### Environmental precautions

<b>Environmental precautions</b> enters sewers or public waters.	<b>: Prevent entry to sewers and public waters. Notify authorities if product</b>
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### Methods and material for containment and cleaning up:

<b>Clean up methods</b> of dust. Store away from other materials.	<b>: On land, sweep or shovel into suitable containers. Minimize generation</b>
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## Section 7: Handling and Storage

### Precautions for safe handling

**Handling :** Wash thoroughly after handling. Avoid breathing dust, fume, gas, mist, vapours, spray. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product.

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

**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:** In case of insufficient ventilation, wear suitable respiratory equipment
- **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

Physical state and appearance	: Solid.
Odor	: Odorless.
Taste	: Not available.
Molecular Weight	: Not available.
Color	: White crystalline
pH	: 8.5 - 9.0 at 50 g/l at 25 °C
Boiling Point	: Not available.

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

Melting Point	: 180 °C
Critical Temperature	: Not available.
Specific Gravity	: Not available.
Vapor Pressure	: Not applicable.
Density	: 1.87 g/cm <sup>3</sup>
Volatility	: Not available.
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: Not available.
Solubility	: Water: 61 g/100ml water

## Section 10: Stability and Reactivity Data

**Stability:** Stable under recommended storage conditions.

**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:** Toxic if inhaled
- **Dermal:** Based on available data, the classification criteria are not met.
- **Ingestion:** Toxic if swallowed

**Irritation:** Causes serious eye irritation.

**Causes skin 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:** Very toxic to aquatic life with long lasting effects.

**BOD5 and COD:** Not available.

**Persistence - degradability:** May cause long-term adverse effects in the environment

**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.

## Section 13: Disposal Considerations

**Waste Disposal:** Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Hazardous waste due to toxicity

## Section 14: Transport Information

### Land transport (ADR-RID)

Proper shipping name	: SODIUM ARSENATE
UN N°	: 1685
ADR - Class	: 6.1
Labelling – Transport	: 6.1 : Environmentally Hazardous

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

Proper shipping name	: SODIUM ARSENATE
UN N°	: 1685
IMO-IMDG - Class or division	: 6.1 : Environmentally Hazardous
IMO-IMDG - Packing group	: II

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

Proper shipping name	: SODIUM ARSENATE
UN N°	: 1685
IATA - Class or division	: 6.1 : Environmentally Hazardous
IATA - Packing group	: II



## 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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