OXFORD LAB FINE CHEM LLP
ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
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Tel: +91 250 2390032 / 2390989 / 2390990
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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

SODIUM ARSENATE Heptahydrate 98.5% AR
MSDS CAS: 10048-95-0

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product
Product Name: SODIUM ARSENATE Heptahydrate 98.5% AR
CAS#: 10048-95-0
Chemical Name: SODIUM ARSENATE Heptahydrate 98.5% AR
Chemical Formula: $Na_2HAsO_4 \cdot 7H_2O$

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: **SODIUM ARSENATE Heptahydrate 98.5% AR**
CAS No :10048-95-0
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 : 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).

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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.

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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	**: 312.01**
Color	**: White crystalline**
pH (1% soln/water)	**: Not available.**
Boiling Point	**: Not available.**

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Section 9: Physical and Chemical Properties (Continued)

Melting Point	**: 180 °C**
Critical Temperature	**: Not available.**
Specific Gravity	**: Not available.**
Vapor Pressure	**: Not applicable.**
Vapor Density	**: Not available.**
Volatility	**: Not available.**
Odor Threshold	**: Not available.**
Water/Oil Dist. Coeff.	**: Not available.**
Ionicity (in Water)	**: Not available.**
Dispersion Properties	**: Not available.**
Solubility	**: 8.5 - 9.0 at 50 g/**

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.**

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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.**

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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. 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 Heptahydrate 98.5% AR
UN N° : 1685
ADR - Class : 6.1
Labelling – Transport : 6.1 : Toxic substances

Sea transport (IMDG) [English only]

Proper shipping name : SODIUM ARSENATE Heptahydrate 98.5% AR
UN N° : 1685
IMO-IMDG - Class or division : 6.1 : Toxic substances
IMO-IMDG - Packing group : II

Air transport (ICAO-IATA) [English only]

Proper shipping name : SODIUM ARSENATE Heptahydrate 98.5% AR
UN N° : 1685
IATA - Class or division : 6.1 : Toxic substances
IATA - Packing group : II

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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.**

Section 15: Other Regulatory Information (Continued)

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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