OXFORD LAB FINE CHEM LLP
ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

NICKEL SULPHAMATE SOLUTION
MSDS CAS: 13770-89-3

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product
Product Name: NICKEL SULPHAMATE SOLUTION
CAS#: 13770-89-3
Chemical Name: NICKEL SULPHAMATE SOLUTION
Chemical Formula: Ni(SO3NH2)2

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: **Nickel sulfamate**

CAS No :13770-89-3
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 : Carc. Cat. 1; R45
Muta. Cat. 3; R68
Repr. Cat. 2
T; R23

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)
Health hazards: Germ cell mutagenicity - Category 2 - Warning (CLP : Muta. 2) H341
Carcinogenicity - Category 1A - Danger (CLP : Carc. 1A) H350
Reproductive toxicity - Unborn Child - Category 1B - Danger (CLP : Repr. 1B) H360

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.

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

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

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

Most important symptoms and effects, both acute and delayed:

Symptoms relating to use: May cause cancer.

Suspected of causing genetic defects. May damage the unborn child.

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

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Section 6: Accidental Release Measures (Continued)

Methods and material for containment and cleaning up:

Clean up methods : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Section 7: Handling and Storage

Precautions for safe handling

Handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

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: 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.

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Section 9: Physical and Chemical Properties

Physical state and appearance	**: Liquid.**
Odor	**: Not available.**
Taste	**: Not available.**
Molecular Weight	**: Not available.**
Color	**: Green.**
pH (1% soln/water)	**: Not available.**
Boiling Point	**: Not available.**
Melting Point	**: Not available.**
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	**: 4.45**

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.**

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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: Based on available data, the classification criteria are not met.
Corrosion: Based on available data, the classification criteria are not met.
Sensitization: Based on available data, the classification criteria are not met.
Mutagenicity: Suspected of causing genetic defects.
Carcinogenicity: May cause cancer.
Toxic for reproduction: May damage the unborn child.
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 established.**

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.**

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.**

Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name : CORROSIVE LIQUID, N.O.S.
UN N° : 1760
ADR - Class : 8
Labelling – Transport : 8 : Corrosive substance.

Sea transport (IMDG) [English only]

Proper shipping name : CORROSIVE LIQUID, N.O.S.
UN N° : 1760
IMO-IMDG - Class or division : 8 : Corrosive substance.
IMO-IMDG - Packing group : II

Air transport (ICAO-IATA) [English only]

Proper shipping name : CORROSIVE LIQUID, N.O.S.
UN N° : 1760
IATA - Class or division : 8 : Corrosive substance.
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.

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Section 15: Other Regulatory Information (Continued)

REACH Restrictions - Annex XVII : **With the exception of those listed below:**

The components of this product are not subject to restrictions. Annex XVII

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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