OXFORD LAB FINE CHEM LLP

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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

NICKEL FORMATE 97%

MSDS CAS: 15694-70-9

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: NICKEL FORMATE 97%
CAS#: 15694-70-9
Synonym: Not Available
Chemical Name: Not Available
Chemical Formula: $C_2H_2NiO_4$

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,
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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Nickel Formate 97%	15694-70-9	100

Section 3: Hazards Identification

EMERGENCY OVERVIEW: May cause skin irritation and/or dermatitis
Principle routes of exposure: Skin
Inhalation: May cause irritation of respiratory tract
Ingestion: May be harmful if swallowed.
Skin contact: May cause allergic skin reaction
Eye contact: Avoid contact with eyes
Statements of hazard MAYCAUSE ALLERGIC SKIN REACTION.
Statement of Spill orLeak - ANSI Label Eliminate all ignition sources. Absorb and/or contain spill with inert materials (e.g., sand, vermiculite). Then place in appropriate container. For large spills, use water spray to disperse vapors, flush spill area. Prevent runoff from entering waterways or sewers.

Section 4: First Aid Measures

General advice:
In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation: Move to fresh air. Call a physician immediately.

Skin contact: Rinse immediately with plenty of water and seek medical advice

Ingestion: Do not induce vomiting without medical advice.

Eye contact:
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Protection of first-aiders: No information available

Section 5: Fire and Explosion Data

Suitable extinguishing media: Use dry chemical, CO2, water spray or "alcohol" foam
Specific hazards: Burning produces irritant fumes.
Unusual hazards: None known
Special protective equipment for firefighters:
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
Specific methods: Water mist may be used to cool closed containers.

Section 5: Fire and Explosion Data (Continued)

Flash point: Not determined
Autoignition temperature: Not determined
NFPA rating:
NFPA Health: 1
NFPA Flammability: 1
NFPA Reactivity: 0

Section 6: Accidental Release Measures

Personal precautions: Use personal protective equipment.

Environmental precautions: Prevent product from entering drains.

Methods for cleaning up: Sweep up and shovel into suitable containers for disposal.

Section 7: Handling and Storage

Storage: ROOM TEMPERATURE

Handling: Use only in area provided with appropriate exhaust ventilation.

Safe handling advice: Wear personal protective equipment.

Incompatible products: Oxidising and spontaneously flammable products

Section 8: Exposure Controls/Personal Protection

Engineering measures: Ensure adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT
Respiratory protection: Breathing apparatus only if aerosol or dust is formed.
Hand protection: Pvc or other plastic material gloves
Skin and body protection: Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Section 8: Exposure Controls/Personal Protection (Continued)

Eye protection: Safety glasses with side-shields
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Physical state	: Powder
Molecular weight	: 148.7288 g/mole
Melting point	: 180-200°C (dec.)
Boiling point	: No Data available at this time.
Density	: 2.154 g/ml (20°C)
Vapor pressure	: No data available
Evaporation rate	: No data available
Vapor density	: No data available
Solubility (in water)	: Soluble
Flash point	: Not determined
Autoignition temperature	: Not determined

Section 10: Stability and Reactivity Data

Stability: Stable under recommended storage conditions.

Polymerization: None under normal processing.

Hazardous decomposition products:
Thermal decomposition can lead to release of irritating gases and vapours such as carbon oxides.

Materials to avoid: Strong oxidising agents

Conditions to avoid: Exposure to air or moisture over prolonged periods.

Section 11: Toxicological Information

Product Information

Acute toxicity

Components RTECS Number: Selected LD50s and LC50s:

NICKEL FORMATE (OUS) Not Available Not Determined

Chronic toxicity:

Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

Local effects: **Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.**

Specific effects:

May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.

Primary irritation: **No data is available on the product itself.**

Carcinogenic effects: **No data is available on the product itself.**

Mutagenic effects: **No data is available on the product itself.**

Reproductive toxicity: **No data is available on the product itself.**

Section 12: Ecological Information

Mobility: **No data available**

Bioaccumulation: **No data available**

Ecotoxicity effects: **No data available**

Aquatic toxicity: **May cause long-term adverse effects in the aquatic environment.**

Components U.S. DOT- Appendix B – Marine Pollutan

U.S. DOT- Appendix B – Severe Marine Pollutants

United Kingdom - The Red List:

NICKEL FORMATE (OUS) Not Listed Not Listed Not Listed

Components Germany VCI (WGK) World Health Organization (WHO) – Drinking Water

Ecotoxicity - Fish Species Data

NICKELFORMATE (OUS) Not Listed Not Listed Not Listed

Components Ecotoxicity - Freshwater

Section 12: Ecological Information (Continued)

Algae Data
Ecotoxicity - Microtox Data Ecotoxicity – Water Flea Data
NICKEL FORMATE (OUS) Not Listed Not Listed Not Listed
Components EPA- ATSDR Priority List EPA- HPVChallenge Program Chemical List California - Priority Toxic Pollutants
NICKELFORMATE (OUS) Not Listed Not Listed Not Listed
Components California - Priority Toxic Pollutants California - Priority Toxic Pollutants
NICKELFORMATE (OUS) Not Listed Not Listed

Section 13: Disposal Considerations

Waste from residues / unused products:
Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

Contaminated packaging: **Do not re-use empty containers**

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

International Inventories
U.S. regulations:
Components California Proposition 65
-
Massachusetts Right to
Know List:
New Jersey Right to
Know List:
Pennsylvania Right to Know
List:
NICKEL FORMATE (OUS) Not Listed Not Listed Not Listed Not Listed
Inventory - United States TSCA- Sect. 8(b) Not Listed
Components
NICKELFORMATE (OUS)
Catalog Number: 216229
Canada DSL Inventory List -
Product name: NICKEL FORMATE (OUS)
Not Listed
Components Florida substance List: Rhode Island Right to
Know List:
Illinois - Toxic Air
Contaminants
Connecticut - Hazardous Air
Pollutants
NICKEL FORMATE (OUS) Not Listed Not Listed Not Listed Not Listed
Components SARA 313 Emission reporting/Toxic Release of Chemicals CERCLA/SARA-
Section302 Extremely Haz NTP: IARC:
NICKELFORMATE (OUS) Not Listed Not Listed None None

SARA 313 Notification: **The above is your notification as to the SARA 313 listing for this product(s) pursuant to Section 313 of Title III of the Superfund Ammendments and Reauthorization Act of 1986 and 40 CFR Part 372.If you are unsure if you are subject to the reporting requirements of Section 313, or need more information, please call the EPA Emergency Planning and Community Right-T o-Know Information Hotline: (800) 535-0202 or (202) 479-2499 (in Washington, DC or Alaska).**

State Notification: **The above information is your notice as to the Right-to-Know listings of the stated product(s). Individual states will list chemicals for a variety of reasons including, but not limited to, the compounds toxicity; carcinogenic, tumorigenic and/or reproductive hazards; and the compounds environmental impact if accidentally released.**

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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