

MATERIAL SAFETY DATA SHEET

NICKEL OXALATE Dihydrate 99% MSDS CAS: 6018-94-6

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: NICKEL OXALATE Dihydrate

CAS#: 6018-94-6

Synonym: Not Available

Chemical Name: Not Available

Chemical Formula: NiC₂O₄.2H₂O

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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Tel: 91-250-2390989
Tel/Fax: 91-250-2390032

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
NICKEL OXALATE Dihydrate	6018-94-6	100

Section 3: Hazards Identification

Special indication Of Hazards To Humans And The Environment:

Harmful by inhalation, in contact with skin and if swallowed.

Section 4: First Aid Measures

After Inhalation:

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

After Skin Contact: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

After Eye Contact:

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

After Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician

Section 5: Fire and Explosion Data

Extinguishing Media: Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

SPECIAL RISKS: Specific Hazard(s): Emits toxic fumes under fire conditions.

Special protective Equipment for Firefighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

Personal precaution Procedures To Be Followed In Case Of Leak Or Spill: Evacuate area.

Procedure(S) Of personal precaution(S):

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

Methods For Cleaning Up: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7: Handling and Storage

Handling: Directions for Safe Handling: Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage: Conditions of Storage: Keep tightly closed.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Safety shower and eye bath. Mechanical exhaust required.

General Hygiene Measures: Wash thoroughly after handling.

Personal Protective Equipment:

Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. **Hand Protection:** Compatible chemical-resistant gloves. **Eye Protection:** Chemical safety goggles.

Section 9: Physical and Chemical Properties

Appearance Physical State	: Solid.
Color	: Green
Form	: Powder
Molecular Weight	: 182.76 g/mole
pH	: Not available
BP/BP Range	: Not available
MP/MP Range	: Not available
Flash Point	: Not available
Flammability	: Not available
Autoignition Temp	: Not available
Oxidizing Properties	: Not available
Explosive Properties	: Not available
Explosion Limits	: Not available
Vapor Pressure	: Not available
Partition Coefficient	: Not available
Viscosity	: Not available

Section 9: Physical and Chemical Properties (Continued)

Vapor Density	: Not available
Saturated Vapor Conc.	: Not available
Evaporation Rate	: Not available
Bulk Density	: Not available
Decomposition Temp.	: Not available
Solvent Content	: Not available
Water Content	: Not available
Surface Tension	: Not available
Conductivity	: Not available
Miscellaneous Data	: Not available
Solubility in Water	: Slightly.

Section 10: Stability and Reactivity Data

Stability: Stable: Stable. Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition Products:

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nickel/nickel oxides.

Hazardous Polymerization: Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Signs And Symptoms Of exposure:

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Route Of Exposure:

Skin Contact: May cause skin irritation. Skin Absorption: Harmful if absorbed through skin.

Eye Contact: May cause eye irritation. Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. Harmful if inhaled. Ingestion: Harmful if swallowed.

Section 12: Ecological Information

No data available.

Section 13: Disposal Considerations

Substance Disposal:

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental 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

Classification And Labeling According To Eu Directives

Indication Of Danger: Xn

Harmful.

R-PHRASES: 20/21/22

Harmful by inhalation, in contact with skin and if swallowed.

S-PHRASES: 7-9-36

Keep container tightly closed. Keep container in a well-ventilated place.

Wear suitable protective clothing.

Caution: Substance not yet fully tested (EU).

Section 15: Other Regulatory Information

Country specific Information:

Germany

WGK: 3

Self-Classification

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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