

SREENIVASA INDUSTRIES

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME : NICKEL SULFATE, HEXAHYDRATE

CHEMICAL NAME & SYNONYMS

Nickel Sulfate , Heptahydrate

DOT CLASS

NR 9(< RQ)

TSCA Listed

SARA TITLE 313

Yes - Ni Cmpds

Yes

FORMULA

NiSO₄.7H₂O

REPORTABLE QUANTITY

45.4 Kg

F.W

280.88

CAS#

10101-98-1 (hyd)

7786-81-4 (anhyd)

PHYSICAL DATA

Density 1.95 ; Melting point 99⁰C ; Begins losing water at 32⁰C ; Solubility 75 g/100 ml H₂O at 15⁰C

APPEARANCE & ODOR

Blue to blue green crystals. odorless.

REACTIVITY & CONDITIONS TO AVOID

Stable. No hazardous reactivity.

FIRE HAZARDS

May decompose in a fire yielding toxic fumes.. Firefighters wear SCBA

NFPA # 3-0-0.

EXTINGUISHER

Fight surrounding fire

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

May be irritating to skin and eyes. May be harmful if swallowed or inhaled. May cause allergic skin or respiratory reaction. No relevant LD / TD information found. OSHA PEL TWA: 1 mg (Ni) /m³; ACGIH TLV TWA 0.1 mg (Ni) /m³. NTP – anticipated carcinogen. IARC Group 1 : carcinogenic to humans. ACGIH Group A4 – Not classifiable as a human carcinogen. Warning : This product contains a chemical (nickel compound) known to the state of California to cause cancer. Experimental tumorigen and mutagen

SPECIAL PRECAUTIONS

Wear goggles and rubber gloves while handling . Use adequate ventilation or suitable respirator if dust is raised.

FIRST AID

Wash up well with water. If eye irritation persists, get medical attention. If swallowed, give water or milk and get medical attention. Do not induce vomiting unless directed by a physician.

SPILLS & LEAKS

Wash up well with water. Contain spill to avoid leakage to drain. Disposal to hazardous waste. Nickel is regulated in all localities for sewer disposal.