

SREENIVASA INDUSTRIES

DOOR NO.2, PLOT NO.6, GANGADHARAN STEET, Dr.AMBEDKAR NAGAR,
VADAPALANI, CHENNAI – 600 026
WORKS:A-122, PIPDIC INDUSTRIAL ESTATE, METTUPALAYAM, PONDYCHERRY- 605 009
PHONE: + 91 -44-2362 4648 / 2362 4668 / 2362 4680. FAX: + 91 -44-2362 2629
FACTORY: 0413 – 227 1890 / 653 6477
MOBILE: +91 - 98400 48607 EMAIL:sreeind@eth.net

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NICKEL NITRATE, HEXAHYDRATE

CHEMICAL NAME & SYNONYMS

Nickel Nitrate, Hexahydrate

DOT CLASS

5.1/III

TSCA Listed

SARA TITLE 313

yes – Ni cmpds

yes

FORMULA

Ni (NO₃)₂.6H₂O

REPORTABLE QUANTITY

45.4 kg

F.W

290.81

CAS#

13478 – 00 – 7 (hyd.)

13138 – 45 – 9 (anhy.)

PHYSICAL DATA

Density 2.05; Melting point 56°c; Solubility in water 238 g / 100ml at 0°c.

APPEARANCE & ODOR

Damp appearing, green crystals. odorless.

REACTIVITY & CONDITIONS TO AVOID

Oxidizing stable. No hazardous self – reactivity. Incompatible with organic matter, reducing agents.

FIRE HAZARDS

Oxidizing. Organic matter which has been in contact with this substance will ignite readily. Firefighters wear SCBA. NEPA # 3 – 0 – 3.

EXTINGUISHER

Water

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

Irritating to skin, eyes and mucous membranes. Harmful or fatal if swallowed or inhaled. LD₅₀ (oral – rat) 1620mg/kg. OSHA PEL / ACGIH TLV; TWA 0.1mg (Ni)/m³. May cause damage to immune system, kidneys, liver or heart. Considered carcinogenic by inhalation. Large oral doses may cause intestinal disorders or convulsions. Warning: This product contains a chemical known to the state of California to cause cancer.

SPECIAL PRECAUTIONS

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

FIRST AID

Wash contact area thoroughly with water. If eye irritation persists, see a physician. If swallowed, give water to drink and get medical attention. Do not induce vomiting unless directed by a physician.

SPILLS & LEAKS

Contain spill. Take up with absorbent. Wash up with water. Disposal to approved hazardous waste site.
