

# **MATERIAL SAFETY DATA SHEET**

## **SREEINIVASA INDUSTRIES**

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PRODUCT NAME : NICKEL SALT

### **General**

Synonyms: alcan 756, carbonyl nickel powder, C.I. 77775, EL12, fibrex, fibrex P, NI 270, nickel 2170, nickel sponge, nickel catalyst, NI 0901-s, NI 4303T, NP2, Raney alloy, Raney nickel

Molecular formula: Ni

CAS No: 7440-02-0

EC No: 231-111-4

EC Index No: 028-002-00-7

### **Physical data**

Appearance: silver white, hard, malleable metal chunks or grey powder

Melting point: 1453 C

Boiling point: 2732 C

Vapour density: Not available

Vapour pressure: Not applicable

Specific gravity: 8.9

Flash point:

Explosion limits:

Autoignition temperature:

### **Stability**

Stable in massive form. Powder is pyrophoric - can ignite spontaneously. May react violently with titanium, ammonium nitrate, potassium perchlorate, hydrazoic acid. Incompatible with acids, oxidizing agents, sulfur.

## **Toxicology**

Carcinogen. Toxic by all routes of entry. May cause sensitization by skin contact. Typical TLV 0.05 mg/m<sup>3</sup>

## **Personal protection**

Good ventilation. Wear gloves and safety glasses when handling the powder.