

Safety (MSDS) data for nickel (II) chloride



General

Synonyms: nickel chloride, nickelous chloride, nickel dichloride
Molecular formula: NiCl_2
CAS No: 7718-54-9
EC No: 231-743-0

Physical data

Appearance: orange powder
Melting point:
Boiling point:
Vapour density:
Vapour pressure:
Specific gravity: 3.55
Flash point:
Explosion limits:
Autoignition temperature:

Stability

Stable. Incompatible with peroxides.

Toxicology

Toxic - may cause cancer. Harmful if swallowed, inhaled or absorbed through the skin. Respiratory, eye and skin irritant. May cause dermatitis or allergic respiratory reaction.

Toxicity data

(The meaning of any toxicological abbreviations which appear in this

section is given [here.](#))
ORL-RAT LD50 681 mg kg⁻¹

Risk phrases

(The meaning of any risk phrases which appear in this section is given [here.](#))

R23 R24 R25 R36 R37 R38 R42 R43 R45.

Transport information

(The meaning of any UN hazard codes which appear in this section is given [here.](#))

UN Major hazard class: 6.1. Packing group: III

Personal protection

Safety glasses, gloves, good ventilation.

Safety phrases

(The meaning of any safety phrases which appear in this section is given [here.](#))

S26 S27 S28 S36 S37 S39.

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