

# MATERIAL SAFETY DATA SHEET

## 24HR. EMERGENCY PHONE # CHEM-TREC 1-800-424-9300

Manufacturer: ProChem, Inc.  
826 Roosevelt Road  
Rockford, IL 61109

Phone: (815) 398-1788  
Fax: (815) 398-1810  
E-Mail: Prochem1@aol.com

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### SECTION 1 Product Identification

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**CHEMICAL NAME:** Nickel chloride, anhydrous

**CAS#:** 7718-54-9

**FORMULA:** NiCl<sub>2</sub>

**SYNONYM:** Nickelous chloride, nickel dichloride

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### SECTION 2 Composition and Information on Ingredients

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INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	7718-54-9	100	0.1mg/m <sup>3</sup> (as Ni)	1mg/m <sup>3</sup> (as Ni)

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### SECTION 3 Hazards Identification

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**EMERGENCY OVERVIEW:** Ingestion of nickel salts may cause intestinal disorders, convulsions, and asphyxia. Nickel is a recognized carcinogen of the nasal cavity, paranasal sinuses, and the lungs.

**PRIMARY ROUTES OF EXPOSURE:** Ingestion, Inhalation of dust.

**EYE CONTACT:** May cause slight to mild irritation of the eyes.

**SKIN CONTACT:** May cause slight to mild irritation of the skin. Prolonged contact with nickel salts may lead to dermatitis.

**INHALATION:** Dust may be irritating to the nose, mucous membranes and respiratory tract.

**INGESTION:** Ingestion may lead to dizziness, abdominal cramps, vomiting, bloody diarrhea, weakness, and convulsions.

**CHRONIC HEALTH EFFECTS:** Prolonged exposure to nickel and nickel compounds may lead to skin irritation and dermatitis. May cause cancer. Animal studies indicate tumorigenic, mutagenic and reproductive effects

**ACUTE HEALTH EFFECTS:** Nickel salts may be irritating to skin, eyes and respiratory tract, causing intestinal disorders, convulsions, asphyxia, sensitization dermatitis, allergic asthma, and pneu monitis

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### SECTION 4 First Aid Measures

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**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.

**SKIN EXPOSURE:** Wash affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

**INHALATION:** Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.