

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Nickel(II) chloride

Product Number : 339350  
Brand : Aldrich

Supplier : Sigma-Aldrich  
3050 Spruce Street  
SAINT LOUIS MO 63103  
USA

Telephone : +1 800-325-5832  
Fax : +1 800-325-5052  
Emergency Phone # (For both supplier and manufacturer) : (314) 776-6555

Preparation Information : Sigma-Aldrich Corporation  
Product Safety - Americas Region  
1-800-521-8956

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

##### OSHA Hazards

Carcinogen, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Skin and respiratory sensitizer, Irritant, Teratogen, Mutagen

##### Target Organs

Lungs

##### GHS Classification

Acute toxicity, Oral (Category 3)  
Acute toxicity, Inhalation (Category 3)  
Skin irritation (Category 2)  
Eye irritation (Category 2B)  
Respiratory sensitization (Category 1)  
Skin sensitization (Category 1)  
Germ cell mutagenicity (Category 2)  
Carcinogenicity (Category 1A)  
Reproductive toxicity (Category 1B)  
Specific target organ toxicity - repeated exposure (Category 1)  
Acute aquatic toxicity (Category 1)  
Chronic aquatic toxicity (Category 1)

##### GHS Label elements, including precautionary statements

Pictogram



Signal word

Danger

H341 Suspected of causing genetic defects.  
H350 May cause cancer.  
H360 May damage fertility or the unborn child.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P201 Obtain special instructions before use.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P273 Avoid release to the environment.  
P280



**Hand protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching



no data available

### **Teratogenicity**

Presumed human reproductive toxicant

### **Specific target organ toxicity - single exposure (Globally Harmonized System)**

no data available

### **Specific target organ toxicity - repeated exposure (Globally Harmonized System)**

Causes damage to organs through prolonged or repeated exposure.

### **Aspiration hazard**

no data available

### **Potential health effects**

<b>Inhalation</b>	Toxic if inhaled. Causes respiratory tract irritation.
<b>Ingestion</b>	Toxic if swallowed.
<b>Skin</b>	May be harmful if absorbed through skin. Causes skin irritation.
<b>Eyes</b>	Causes eye irritation.

### **Signs and Symptoms of Exposure**

Gastrointestinal disturbance, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### **Synergistic effects**

no data available

### **Additional Information**

RTECS: QR6475000

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## **12. ECOLOGICAL INFORMATION**

### **Toxicity**

Toxicity to fish                      mortality NOEC - Oncorhynchus mykiss (rainbow trout)

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging**

Dispose of as unused product.

**14. TRANSPORT INFORMATION****DOT (US)**

UN number: 3288 Class: 6.1 Packing group: III  
 Proper shipping name: Toxic solid, inorganic, n.o.s. (Nickel(II) chloride)  
 Reportable Quantity (RQ): 100 lbs  
 Marine pollutant: No  
 Poison Inhalation Hazard: No

**IMDG**

UN number: 3288 Class: 6.1 Packing group: III EMS-No: F-A, S-A  
 Proper shipping name: TOXIC SOLID, INORGANIC, N.O.S. (Nickel(II) chloride)  
 Marine pollutant: No

**IATA**

UN number: 3288 Class: 6.1 Packing group: III  
 Proper shipping name: Toxic solid, inorganic, n.o.s. (Nickel(II) chloride)

**15. REGULATORY INFORMATION****OSHA Hazards**

Carcinogen, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Skin and respiratory sensitizer, Irritant, Teratogen, Mutagen

**SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Nickel(II) chloride	7718-54-9	1993-04-24

**SARA 311/312 Hazards**

Acute Health Hazard, Chronic Health Hazard

**Massachusetts Right To Know Components**

	CAS-No.	Revision Date
Nickel(II) chloride	7718-54-9	1993-04-24

**Pennsylvania Right To Know Components**

	CAS-No.	Revision Date
Nickel(II) chloride	7718-54-9	1993-04-24

**New Jersey Right To Know Components**

	CAS-No.	Revision Date
Nickel(II) chloride	7718-54-9	1993-04-24

**California Prop. 65 Components**

	CAS-No.	Revision Date
WARNING! This product contains a chemical known to the State of California to cause cancer. Nickel(II) chloride	7718-54-9	2007-09-28

**16. OTHER INFORMATION****Further information**

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.sigma-aldrich.com](http://www.sigma-aldrich.com) and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

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