


## Material Safety Data Sheet

Section 1. Product Information and Company Identification			
<b>Product name</b>	Nickel (II) Chloride Solution		
<b>Mol. formula</b>	Cl <sub>2</sub> Ni · 6H <sub>2</sub> O	<b>Cas no</b>	null
<b>Mol. wt</b>	237,69 g/mol	<b>Cat no</b>	NC001
<b>Manufacture name</b>	Pioneers for laboratory chemicals		
<b>Brand name</b>	Piochem		
<b>Address</b>	Area 540, Industrial Zone 6 <sup>th</sup> October city Giza, Egypt.		
<b>Website</b>	www.piochem.com		
<b>E-mail</b>	info@piochem.com		
<b>Phone number</b>	+201225728304 , +201023932115		

Section 2. Hazards Identification	
<p><b>Classification of the substance or mixture</b>  <b>Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]</b>            Acute toxicity, Oral (Category 3)            Acute toxicity, Inhalation (Category 3) Skin irritation (Category 2)            Respiratory sensitization (Category 1)            Skin sensitization (Category 1)            Germ cell mutagenicity (Category 2)            Carcinogenicity, Inhalation (Category 1A) Reproductive toxicity (Category 1B)            Specific target organ toxicity - repeated exposure (Category 1)            Acute aquatic toxicity (Category 1)            Chronic aquatic toxicity (Category 1)</p> <p><b>Classification according to EU Directives 67/548/EEC or 1999/45/EC</b>            May cause cancer by inhalation. May cause harm to the unborn child. Possible risk of irreversible effects. Toxic by inhalation and if swallowed. Toxic: danger of serious damage to health by prolonged exposure through inhalation. Irritating to skin. May cause sensitization by inhalation and skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p><b>Label elements</b>  <b>Labelling according Regulation (EC) No 1272/2008 [CLP]</b>            Pictogram</p> <div style="text-align: center;">  <p style="font-size: small; text-align: center;">Acute toxicity    Aspiration hazard    Hazardous to the aquatic environment</p> </div> <p>Signal word                      <b>Danger</b></p>	



**Hazard statement(s)**

H301 + H331 Toxic if swallowed or if inhaled  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H341 Suspected of causing genetic defects  
H350i May cause cancer by inhalation  
H360D May damage 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.  
P273 Avoid release to the environment.  
P280 Wear protective gloves.  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P311 Call a POISON CENTER or doctor/ physician.  
Supplemental Hazard none

Statements

Restricted to professional users.

**According to European Directive 67/548/EEC as amended.**

Hazard symbol(s)



Restricted to professional users.

**Other hazards** - none

**Section 3. First Aid Measures**

**Description of first aid measures**

**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

**In case of eye contact**

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.



**Most important symptoms and effects, both acute and delayed**

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

**Section 4. Fire Fighting Measures****Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture**

Hydrogen chloride gas, Nickel/nickel oxides

**Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**Further information**

no data available.

**Section 5. Accidental Release Measures****Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Section 6. Handling and Storage****Precautions for safe handling**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed.

**Conditions for safe storage, including any incompatibilities**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Hygroscopic.

**Specific end use(s)**

no data available.

**Section 7. Additional Information****Further information**

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. Central Drug House (P) Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.



