

## Material Safety Data Sheet

Section1. Product Information and Company Identification			
<b>Product name</b>	Nickel (II) Nitrate		
<b>Mol.formula</b>	N2NiO6 · 6H2O	<b>Cas no</b>	13478-00-7
<b>Mol.wt</b>	290,79 g/mol	<b>Cat no</b>	N010
<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</b>            Oxidizing solids (Category 2), H272            Acute toxicity, Oral (Category 4), H302            Acute toxicity, Inhalation (Category 4), H332 Skin irritation (Category 2), H315            Serious eye damage (Category 1), H318            Respiratory sensitisation (Category 1), H334            Skin sensitisation (Category 1), H317            Germ cell mutagenicity (Category 2), H341            Carcinogenicity, Inhalation (Category 1A), H350i            Reproductive toxicity (Category 1B), H360            Specific target organ toxicity - repeated exposure (Category 1), H372            Acute aquatic toxicity (Category 1), H400            Chronic aquatic toxicity (Category 1), H410  <b>Classification according to EU Directives 67/548/EEC or 1999/45/EC</b>            O Oxidising R 8                R49                R61                R68              T Toxic R48/23            Xn Harmful R20/22            Xi Irritant R38, R41                R42/43</p>	



N Dangerous for the R50/53  
Environment

**Label elements**

**Labelling according Regulation (EC) No 1272/2008**



Pictogram

Signal word **Danger**

**Hazard statement(s)**

H272 May intensify fire; oxidiser.

H302 + H332 Harmful if swallowed or if inhaled

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H341 Suspected of causing genetic defects.

H350i May cause cancer by inhalation.

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.

P220 Keep/Store away from clothing/ combustible materials.

P261 Avoid breathing dust.

P273 Avoid release to the environment.

P280 Wear protective gloves/ eye protection/ face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard **none**

Statements

Restricted to professional users.

**Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**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**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**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**

The most important known symptoms and effects are described in the labelling .

**Indication of any immediate medical attention and special treatment needed**

No data available.

### 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**

Nickel/nickel oxides

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

Use water spray to cool unopened containers.

### Section 5. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, 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**

Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations . 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. Keep away from sources of ignition - No smoking. Keep away from heat and sources of ignition

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

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



Hygroscopic Storage class (TRGS 510): Oxidizing hazardous materials

**Specific end use(s)**

Apart from the uses mentioned in other specific uses are stipulated.

**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.

