

## Material Safety Data Sheet

Section 1. Product Information and Company Identification			
<b>Product name</b>	Hydroxylamine Hydrochloride		
<b>Mol.formula</b>	H3NO · HCl	<b>Cas no</b>	5470-11-1
<b>Mol.wt</b>	69,49 g/mol	<b>Cat no</b>	H018
<b>Manfactre name</b>	Pioneers for laboratory chemicals		
<b>Brand name</b>	Piochem		
<b>Adress</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
<b>Classification of the substance or mixture</b> <b>Classification according to Regulation (EC) No 1272/2008</b> Corrosive to metals (Category 1), H290 Acute toxicity, Oral (Category 4), H302 Acute toxicity, Dermal (Category 4), H312 Skin irritation (Category 2), H315 Eye irritation (Category 2), H319 Skin sensitisation (Category 1), H317 Carcinogenicity (Category 2), H351 Specific target organ toxicity - repeated exposure (Category 2), H373 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> E Explosive R 2 R40 Xn Harmful R21/22, R48/22 Xi Irritant R36/38 R43 N Dangerous for the R50 environment <b>Label elements</b> <b>Labelling according Regulation (EC) No 1272/2008</b> Pictogram





Signal word **Warning**

**Hazard statement(s)**

H290 May be corrosive to metals.  
H302 + H312 Harmful if swallowed or in contact with skin  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H351 Suspected of causing cancer.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statement(s)**

P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.  
Remove  
contact lenses, if present and easy to do. Continue rinsing.  
P501 Dispose of contents/ container to an approved waste disposal plant.  
Supplemental Hazard none  
Statements

**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. 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

Nitrogen oxides (NO<sub>x</sub>), Hydrogen chloride gas

Container explosion may occur under fire conditions.

#### Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### Further information

May explode when heated.

## Section 5. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. 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

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. 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.

Air and moisture sensitive.

Storage class (TRGS 510): Other explosive 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.



