

Material Safety Data Sheet

Section1. Product Information and Company Identification			
Product name	Hydrazine Dihydrochloride		
Mol.formula	H4N2 · 2HCl	Cas no	5341-61-7
Mol.wt	104,97 g/mol	Cat no	H015
Manfactre name	Pioneers for laboratory chemicals		
Brand name	Piochem		
Adress	Area 540, Industrial Zone 6 th October city Giza, Egypt.		
Website	www.piochem.com		
E-mail	info@piochem.com		
Phone number	+201225728304 , +201023932115		

Section 2.Hazards Identification
<p>Classification of the substance or mixture</p> <p>Classification according to Regulation (EC) No 1272/2008</p> <p>Carcinogenicity (Category 1B), H350</p> <p>Acute toxicity, Inhalation (Category 3), H331</p> <p>Acute toxicity, Dermal (Category 3), H311</p> <p>Acute toxicity, Oral (Category 3), H301</p> <p>Skin sensitisation (Category 1), H317</p> <p>Acute aquatic toxicity (Category 1), H400</p> <p>Chronic aquatic toxicity (Category 1), H410</p> <p>Label elements Labelling according Regulation (EC) No 1272/2008</p> <p>Pictogram</p> <p>Signal word Danger</p> <p>Hazard statement(s)</p> <p>H301 Toxic if swallowed.</p> <p>H311 Toxic in contact with skin.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H331 Toxic if inhaled. H350 May cause cancer.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p> <p>Precautionary statement(s)</p> <p>P201 Obtain special instructions before use.</p> <p>P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.</p> <p>P273 Avoid release to the environment.</p>



P280 Wear protective gloves/ protective clothing.
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.
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

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_x), Hydrogen chloride gas

Advice for firefighters

Wear self-contained breathing apparatus for firefighting 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 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. 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. Store under inert gas. Moisture sensitive. Handle under inert gas. Protect from moisture

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.

