


# Material Safety Data Sheet

Section1. Product Information and Company Identification			
<b>Product name</b>	Hydrochloric Acid 37%		
<b>Mol.formula</b>	HCl	<b>Cas no</b>	7647-01-1-0
<b>Mol.wt</b>	36.46 g/mol	<b>Cat no</b>	H005
<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>Classification of the substance or mixture            Classification according to Regulation (EC) No 1272/2008            Corrosive to metals (Category 1), H290 Skin corrosion (Category 1B), H314 Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335</p>	
<p><b>Label elements</b>            Labelling according Regulation (EC) No 1272/2008</p>	
	
Pictogram	
Signal word	Danger
<p><b>Hazard statement(s)</b>            H290 May be corrosive to metals.            H314 Causes severe skin burns and eye damage.            H335 May cause respiratory irritation.</p>	
<p><b>Precautionary statement(s)</b>            P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.            P280 Wear protective gloves/ protective clothing/ eye protection/ face protection            P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.            P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.            P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>	
Supplemental Hazard	none
<p>Statements</p>	



**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**

Take off contaminated clothing and shoes immediately. 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**

Do NOT induce vomiting. 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****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 breathing vapours, mist or gas. Ensure adequate ventilation.

Evacuate personnel to safe areas.

**Environmental precautions**

Do not let product enter drains.



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

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

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

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

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

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

Containers which are

opened must be carefully resealed and kept upright to prevent leakage.

Metal containers must be lined. Corrodes metal Handle and open container with care.

Storage class (TRGS 510): Non-combustible, corrosive 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.

