

# Material Safety Data Sheet

## Section 1. Product Information and Company Identification

<b>Product name</b>	Aluminum Chloride Anhydrous		
<b>Mol.formula</b>	AlCl <sub>3</sub>	<b>Cas no</b>	7446-70-0
<b>Mol.wt</b>	133.34 g/mol	<b>Cat no</b>	A031
<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

### Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

Skin corrosion (Category 1B), H314  
 Specific target organ toxicity - repeated exposure,  
 Inhalation (Category 1), Lungs, H372  
 Specific target organ toxicity - repeated exposure,  
 Oral (Category 2), Central nervous system, H373

#### Label elements

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

Pictogram



Signal word

Danger

#### Hazard statement(s)

H314

Causes severe skin burns and eye damage.

H372

Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

H373

May cause damage to organs (Central nervous system) through prolonged or repeated exposure if swallowed.



**Precautionary statement(s)**

P280 Wear protective gloves/ protective clothing/ 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.

P310

Immediately call a POISON CENTER/doctor.

Supplemental Hazard  
Statements none

**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. Reacts violently with water.

**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. 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**

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**

Hydrogen chloride gas, Aluminum oxide

**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**

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**

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.  
Store under inert gas. Vent periodically. Handle and open container with care.  
Storage class (TRGS 510): Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects.

**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.

