


# Material Safety Data Sheet

Section1. Product Information and Company Identification			
<b>Product name</b>	Ammonium Carbonate		
<b>Mol.formula</b>	CH8N2O3	<b>Cas no</b>	506-87-6
<b>Mol.wt</b>	96.09 g/mol	<b>Cat no</b>	A043
<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></p> <div style="text-align: center;">  </div> <p><b>Irritant</b> Acute toxicity (oral, dermal, inhalation), category 4</p> <p>Acute Tox. 4 Hazards Not Otherwise Classified - Combustible Dust</p> <p><b>Signal word</b> :Warning</p> <p><b>Hazard statements:</b> Harmful if swallowed</p> <p><b>Precautionary statements:</b> If medical advice is needed, have product container or label at hand Keep out of reach of children Read label before useWash skin thoroughly after handling Do not eat, drink or smoke when using this product Rinse mouth IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Dispose of contents and container to an approved waste disposal plant</p> <p><b>Combustible Dust Hazard:</b> : May form combustible dust concentrations in air (during processing).</p>



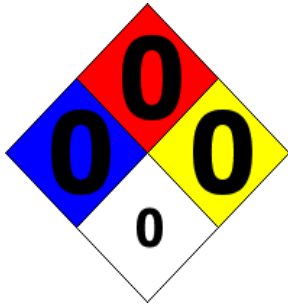
**Other Non-GHS Classification:**

**WHMIS**

D2B



**NFPA/HMIS**



NFPA SCALE (0-4)

<b>Health</b>	<b>0</b>
<b>Flammability</b>	<b>0</b>
<b>Physical Hazard</b>	<b>0</b>
<b>Personal Protection</b>	<b>X</b>

HMIS RATINGS (0-4)

**Section 3. First Aid Measures**

**Description of first aid measures**

**After inhalation:** Loosen clothing as necessary and position individual in a comfortable position. Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Get medical assistance if cough or other symptoms appear.

**After skin contact:** Rinse/flush exposed skin gently using soap and water for 15-20 minutes. Seek medical advice if discomfort or irritation persists.

**After eye contact:** Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

**After swallowing:** Rinse mouth thoroughly. Do not induce vomiting. Have exposed individual drink sips of water. Seek medical attention if irritation, discomfort or vomiting persists. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed:**

Irritation, Nausea, Headache, Shortness of breath.;

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

If seeking medical attention, provide SDS document to physician. Physician should treat symptomatically.



## Section 4. Fire Fighting Measures

### Extinguishing media

**Suitable extinguishing agents:** Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition. Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

**For safety reasons unsuitable extinguishing agents:**

### Special hazards arising from the substance or mixture:

Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Combustion products may include carbon oxides or other toxic vapors. Thermal decomposition can lead to release of irritating gases and vapors.

### Advice for firefighters:

#### Protective equipment:

Use NIOSH-approved respiratory protection/breathing apparatus.

### Additional information (precautions):

Move product containers away from fire or keep cool with water spray as a protective measure, where feasible. Use spark-proof tools and explosion-proof equipment. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

## Section 5. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Use spark-proof tools and explosion-proof equipment. Ensure that air-handling systems are operational. Ensure adequate ventilation.

### Environmental precautions:

Prevent from reaching drains, sewer or waterway. Collect contaminated soil for characterization. Should not be released into environment.

### Methods and material for containment and cleaning up:

Keep in suitable closed containers for disposal. Wear protective eyewear, gloves, and clothing. Always obey local regulations. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.



Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Collect solids in powder form using vacuum with (HEPA filter). Evacuate personnel to safe areas.

## Section 6. Handling and Storage

### **Precautions for safe handling:**

Minimize dust generation and accumulation. Follow good hygiene procedures when handling chemical materials. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with eyes, skin, and clothing.

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

Store away from incompatible materials. Protect from freezing and physical damage. Keep away from food and beverages. Provide ventilation for containers. Avoid storage near extreme heat, ignition sources or open flame. Store in cool, dry conditions in well sealed containers. Store with like hazards

## Section 7. Additional Information

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

