

# Material Safety Data Sheet

Section 1. Product Information and Company Identification			
<b>Product name</b>	Activated Charcoal		
<b>Mol.formula</b>	CH4	<b>Cas no</b>	7440-44-0
<b>Mol.wt</b>	12.01 g/mol	<b>Cat no</b>	A015
<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>Potential Acute Health Effects:</b> Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.</p> <p><b>Potential Chronic Health Effects:</b>            carcinogenic effects: not available.            mutagenic effects: not available.            teratogenic effects: Not available.            developmental toxicity: Not available.            The substance is toxic to mucous membranes. The substance may be toxic to lungs.            Repeated or prolonged exposure to the substance can produce target organs damage.</p>

Section 3. First Aid Measures
<p><b>Eye Contact:</b> Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.</p> <p><b>Skin Contact:</b> Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.</p> <p><b>Serious Skin Contact:</b> Not available.</p> <p><b>Inhalation:</b> If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.</p> <p><b>Serious Inhalation:</b> Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. Seek medical attention.</p>



**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Serious Ingestion:** Not available.

#### Section 4. Fire Fighting Measures

**Flammability of the Product:** Flammable.

**Auto-Ignition Temperature:** 452°C (845.6°F)

**Flash Points:** Not available.

**Flammable Limits:** Not available.

**Products of Combustion:** Not available.

**Fire Hazards in Presence of Various Substances:**

Highly flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.

**Explosion Hazards in Presence of Various Substances:**

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

**Fire Fighting Media and Instructions:**

Flammable solid. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

**Special Remarks on Fire Hazards:** Flammable/combustible material. May be ignited by friction, heat, sparks, or flames. May reignite after fire is extinguished. Freshly prepared material may heat spontaneously in air, and presence of water accelerates this.

**Special Remarks on Explosion Hazards:** Material in powder form, capable of creating a dust explosion (forming explosive mixtures in air) when exposed to heat, flame, or ammonium nitrate + heat. ammonium tetrachloride at 240 C, bromates, Ca(OCl)<sub>2</sub>, chlorates, Cl<sub>2</sub>, (Cl<sub>2</sub> + Cr(OCl)<sub>2</sub>), ClO, F<sub>2</sub>, iodates, IO<sub>5</sub>, (Pb(NO<sub>3</sub>)<sub>2</sub>, HgNO<sub>3</sub>, HNO<sub>3</sub>, (oils + air), (potassium + air), Na<sub>2</sub>S, Zn(NO<sub>3</sub>)<sub>2</sub>.



## Section 5. Accidental Release Measures

### Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

### Large Spill:

Spontaneously combustible solid. Stop leak if without risk. Absorb with an inert material and put the spilled material in an appropriate waste disposal. Obtain advice on use of water as spilled material may react with it. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Cover with wet earth, sand or other non-combustible material. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

## Section 6. Handling and Storage

### Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents, metals, acids.

### Storage:

Store in a segregated and approved area. Keep in a cool and ventilated area away from combustible materials. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

## Section 7. Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Finar Limited be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Finar Limited com has been advised of the possibility of such damages.

