

# Material Safety Data Sheet

| Section1. Product Information and Company Identification |   |               |      |
|--|---|---------------|------|
| <b>Product name</b>                                      | AMMONIUM NITRATE SOLUTION   |               |      |
| <b>Mol.formula</b>                                       | NH4NO3  | <b>Cas no</b> | null |
| <b>Mol.wt</b>  | null  | <b>Cat no</b> | A074 |
| <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

Clear, colorless liquid, no odor  
 This material is not considered hazardous.  
 Target organs: None known.  
 This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200) if used properly

## Section 3.First Aid Measures

**Eyes:** Immediately flush eyes with excess water for 15 minutes, lifting lower and upper eyelids occasionally.  
**Skin:** Immediately flush skin with excess water for 15 minutes while removing contaminated clothing.  
**Ingestion:** Call Poison Control immediately. Rinse mouth with cold water. Give victim 1-2 cups of water or milk to drink. Induce vomiting immediately.  
**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration.

## Section 4. Fire Fighting Measures

Noncombustible solution. When heated to decomposition, emits acrid fumes of NOx. 0  
**Protective equipment and precautions for firefighters:** Use foam or dry chemical to extinguish fire. 0 0 Firefighters should wear full fire fighting turn-out gear and respiratory protection (SCBA). Cool container with water spray. Material is not sensitive to mechanical impact or static discharge.



### Section 5. Accidental Release Measures

Use personal protection. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Contain spill with sand or absorbent material and place in sealed bag or container for disposal. Ventilate and wash spill area after pickup is complete.

### Section 6. Handling and Storage

**Handling:** Use with adequate ventilation and do not breathe dust or vapor. Avoid contact with skin, eyes, or clothing. Wash hands thoroughly after handling.

**Storage:** Store in Oxidizer Storage Area [Yellow Storage] with other oxidizers and away from any combustible materials. Store in a cool, dry, well-ventilated, locked store room away from incompatible materials.

### Section 7. Additional Information

The information relates only to the specific material designated and does not relate to its use in combination with other materials or its use as to any particular process. Because safety standards and regulations are subject to change and because S&C has no continuing control over the material, those handling, storing or using the material should satisfy themselves that they have current information regarding the particular way the material is handled, stored or used and that the same is done in accordance with federal, state and local law.

