

Material Safety Data Sheet

Section1. Product Information and Company Identification			
Product name	Calcium Nitrate Solution		
Mol.formula	Ca(NO3)2•4H2O	Cas no	null
Mol.wt	236.15 g/mol	Cat no	CN002
Manufacture name	Pioneers for laboratory chemicals		
Brand name	Piochem		
Address	Area 540, Industrial Zone 6 th October city Giza, Egypt.		
Website	www.piochem.com		
E-mail	info@piochem.com		
Phone number	+201225728304 , +201023932115		

Section 2.Hazards Identification
<p>Clear, colorless liquid; no odor.</p> <p>WARNING! Strong oxidizing agent and slightly toxic by ingestion. Target organs: Blood This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).</p>
Section 3.First Aid Measures
<p>Eyes: Immediately flush eyes with excess water for 15 minutes, lifting lower and upper eyelids occasionally.</p> <p>Skin: Immediately flush skin with excess water for 15 minutes while removing contaminated clothing.</p> <p>Ingestion: Call Poison Control immediately. Rinse mouth with cold water. Give victim 1-2 cups of water or milk to drink. Induce vomiting immediately.</p> <p>Inhalation: Remove to fresh air. If not breathing, give artificial respiration.</p>
Section 4. Fire Fighting Measures
<p>Strong Oxidizer. When heated to decomposition, emits acrid fumes.</p> <p>Protective equipment and precautions for firefighters: Use foam or dry chemical to extinguish fire. 1 2 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.</p>



Section 5. Accidental Release Measures

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.

