

Material Safety Data Sheet

Section 1. Product Information and Company Identification			
Product name	Calcium chloride dihydrate		
Mol.formula	10035-04-8	Cas no	10035-04-8
Mol.wt	CaCl ₂ H ₄ O ₂	Cat no	CL001
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>Appearance: slightly beige solid.</p> <p>Warning! Causes eye irritation. May cause skin and respiratory tract irritation. Hygroscopic (absorbs moisture from the air).</p> <p>Target Organs: Blood, central nervous system, eyes, skin.</p> <p>Potential Health Effects</p> <p>Eye: Causes eye irritation.</p> <p>Skin: May cause skin irritation. May cause dermatitis. May be harmful if absorbed through the skin.</p> <p>Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed.</p> <p>Inhalation: May cause respiratory tract irritation. May be harmful if inhaled.</p> <p>Chronic: Laboratory experiments have resulted in mutagenic effects. Chronic exposure may cause blood effects. Exposure to high concentrations may cause central nervous system depression. Animal studies have reported the development of tumors.</p>

Section 3. First Aid Measures
<p>Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.</p> <p>Skin: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.</p> <p>Ingestion: Do not induce vomiting. Get medical aid if irritation or symptoms occur.</p> <p>Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.</p>



Get medical aid if cough or other symptoms appear.
Notes to Physician: Treat symptomatically and supportively.

Section 4. Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Substance is noncombustible.

Extinguishing Media: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

Flash Point: Not applicable.

Autoignition Temperature: Not applicable.

Explosion Limits, Lower: Not available.

Upper: Not available.

NFPA Rating: (estimated) Health: 2; Flammability: 0; Instability: 1

Section 5. Accidental Release Measures

General Information: Use proper personal protective equipment as indicated.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation. Do not let this chemical enter the environment.

Section 6. Handling and Storage

Handling: Use with adequate ventilation. Minimize dust generation and accumulation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.

Storage: Store in a cool, dry place. Store in a tightly closed container.

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 Fisher 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 Fisher has been advised of the possibility of such damages.

