


Material Safety Data Sheet

Section1. Product Information and Company Identification			
Product name	Calcium Formate		
Mol.formula	C2H2CaO4	Cas no	544-17-2
Mol.wt	130.11 g/mol	Cat no	C012
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			
Classification			
OSHA Regulatory Status			
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).			
Serious eye damage/eye irritation		Category 2	
Combustible dust		-	
GHS Label elements, including precautionary statements			
EMERGENCY OVERVIEW			
Physical state	Color	Appearance	Odor
solid	off-white	free-flowing crystals	odorless
			
WARNING			
Hazard statements			
Causes serious eye irritation			
May form combustible dust concentrations in air			



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling Wear eye/face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

Other information

May be harmful if swallowed.

Section 3. First Aid Measures**First Aid Measures****Eye contact**

Remove contact lenses, if worn. Immediately flush with plenty of water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire surface. Washing within one minute is essential to achieve maximum effectiveness. Seek medical advice immediately.

Skin contact

Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Ingestion

Do NOT induce vomiting. If vomiting should occur spontaneously, keep airway clear. Never give anything by mouth to an unconscious person. Get medical attention.

Inhalation

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

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

Causes serious eye irritation. May be harmful if swallowed.

Chronic effects

None known.

Aggravated Medical Conditions

Existing skin, eye and lung conditions.

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat symptomatically.



Section 4. Fire Fighting Measures

Extinguishing media

Suitable extinguishing media

Water fog, carbon dioxide, foam, dry chemical.

Extinguishing media which must not be used for safety reasons

No information available

Special hazards arising from the substance or mixture

Special Hazard

Solutions extremely slippery when spilled.

Advice for firefighters

Firefighting measures

Cool exposed containers with water spray after extinguishing fire.

Special protective equipment for firefighters

Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

Explosion data

Sensitivity to Mechanical Impact

None.

Sensitivity to Static Discharge

None.

Section 5. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear suitable protective clothing and gloves.

Environmental precautions

Avoid runoff to waterways and sewers.

Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Clear spills immediately. Contain large spill and remove using a vacuum truck. Soak up small spills with inert absorbent material and place in a labeled waste container for disposal. Spills of solution are extremely slippery so all residue must be removed promptly. Remove all sources of ignition. Non-sparking tools should be used. Ventilate the area. 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. Wet the material with water to limit dust emission or explosion risk.



Section 6. Handling and Storage

Precautions for safe handling

Advice on safe handling

Keep container closed when not in use

Conveying and processing equipment should be spark proof, electrically bonded and grounded. Avoid contact with eyes, skin and clothing Wash thoroughly after handling
Avoid breathing dust.

Use with adequate ventilation and employ respiratory protection where mist or spray may be generated. Do not take internally

For industrial use only.

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Store in a cool, dry place away from ignition sources and open flame.

Calcium Format is not hygroscopic.

Incompatible products

Oxidizing agents.

Section 7. Additional Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

