



# Material Safety Data Sheet

Calcium Chloride Peladow 90%

Part Number: 05F033

Hukill Chemical Corporation

7013 Krick Road

Bedford, OH 44146-4493

## Section I: Chemical Product & Company Identification

<b>Manufacturer</b>	Hukill Chemical Corporation 7013 Krick Road Bedford, OH 44146-4493	<b>Emergency Telephone Number</b>		(800) 962-1143	
		<b>Chemtrec's Telephone Number</b>		(800) 424-9300	
		<b>Prepared By</b>	Brian Peebles		
<b>Telephone Number</b>	(440) 232-9400	<b>Date Prepared</b>	January 17, 2002		
<b>Fax Number</b>	(440) 232-9477	<b>HMIS</b>	<b>Health</b>	1	
<b>Web Site</b>	http://www.hukill.com		<b>Flammability</b>	0	
<b>Email</b>	hukill@hukill.com		<b>Reactivity</b>	0	
<b>Synonyms</b>					

## Section II: Composition/Information On Ingredients

Hazardous Components	Reportable Under SARA Section 313	CAS Number	OSHA Limits (ppm)			ACGIH TLV (ppm)	%
			PEL	STEL	Ceiling		
Calcium Chloride	No	10043-52-4	N/A	N/A	N/A	N/A	90
* mg/m <sup>3</sup> instead of ppm.							

## Section III: Hazardous Identification

<b>Emergency Overview:</b>							
<b>Route(s) of Entry</b>	<b>Inhalation?</b>	Yes	<b>Skin?</b>	No	<b>Ingestion?</b>	Yes	
<b>Health Hazards (Acute and Chronic)</b>							
Nuisance dust irritates the eyes and respiratory tract. Dissolving in water is exothermic and may produce additional irritation.							
<b>Signs and Symptoms of Exposure</b>							
Coughing, tearing of the eyes, difficulty breathing, gastric discomfort if ingested.							
<b>Carcinogenicity</b>	<b>NTP</b>	No	<b>IARC Monographs</b>	No	<b>OSHA Regulated?</b>	No	
<b>Comments</b>	None.						

## Section IV: First Aid

<b>Eye Contact</b>	Hold eyelids from eyes and flush out material, to prevent abrasion by dust or granules. In case of abrasion, seek medical attention.
<b>Skin Contact</b>	This product is not likely to cause adverse skin reactions. If skin dries from dust exposure, wash with soap and water and apply lotion.
<b>Inhalation</b>	Move victim to fresh air. Material will be expelled by coughing. If irritation or breathing difficulty persists, seek medical attention.
<b>Ingestion</b>	Although only slightly toxic, exothermic reaction with water may cause irritation. Seek medical attention and induce vomiting if needed.



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## Section V: Fire Fighting Measures

<b>Flash Point (method used)</b>	<b>Flammable Limits</b>	<b>LEL</b>	<b>UEL</b>
None		N/A	N/A
<b>Extinguishing Media</b>	Noncombustible. Use media appropriate to fight surrounding fire.		
<b>Special Fire Fighting Procedures</b>			
Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear, as always suggested for fighting a chemical fire.			
<b>Unusual Fire and Explosion Hazards</b>			
None.			

## Section VI: Accidental Release Measures

<b>Steps to Be Taken in Case Material is Released or Spilled</b>
Shovel and sweep material into clean containers for re-use if foreign material is not introduced. Avoid spreading and inhalation of dist. Flush away residue with water.
<b>Waste Disposal Method</b>
Disposal must be in accordance with federal, state and local regulations. Landfill disposal may be possible.

## Section VII: Handling And Storage

<b>Precautions to Be Taken in Handling and Storing</b>
Keep in a cool, dry place.
<b>Other Precautions</b>
Avoid spreading airborne dust when handling.

## Section VIII: Exposure Controls, Personal Protection

<b>Respiratory Protection (Specify)</b>	Dust mask is usually sufficient to protect against dust. Use chemical cartridge, supplied-air, or SCBA if other circumstances require.		
<b>Ventilation</b>	<b>Local Exhaust</b>	Sufficient to minimize airborne dust	
	<b>Mechanical (General)</b>	General or local ventilation	
	<b>Special</b>	None	<b>Other</b> None
<b>Protective Gloves</b>	Chemical resistant.		
<b>Eye Protection</b>	Safety glasses with side shields or goggles.		
<b>Other Protective Clothing or Equipment</b>			
Covering skin against exposure is always recommended when handling industrial chemicals.			
<b>Work/Hygienic Practices</b>			
Wash hands after handling chemicals and before eating, smoking, or using the toilet.			



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## Section IX: Physical And Chemical Properties

<b>Boiling Point</b>	2912F	<b>Specific Gravity (H2O = 1)</b>	2.15
<b>Vapor Pressure (mm Hg)</b>	N/A	<b>Melting Point</b>	1422F
<b>Vapor Density (Air = 1)</b>	N/A	<b>Evaporation Rate (Butyl Acetate = 1)</b>	N/A
<b>Solubility In Water</b>	Freely soluble		
<b>Appearance and Odor</b>	<b>State</b>		Solid
White odorless powder			

## Section X: Stability And Reactivity

<b>Stability</b>	<b>Conditions to Avoid</b>	None.
Stable		
<b>Incompatibility (Material to Avoid)</b>	Water, zinc, aluminum, yellow brass, methyl vinyl ether, lime/boric acid mixtures. Aqueous solutions are mildly corrosive to metals.	
<b>Hazardous Decomposition of Byproducts</b>	Chlorine if heated to decomposition.	
<b>Hazardous Polymerization</b>	<b>Conditions to Avoid</b>	None.
Will not occur		

**DOT Shipping Name:** Calcium Chloride Peladow 90%

**Hazard Class:** 0

**UN Number:**

*The information contained herein has been approved by Hukill Chemical Corporation and is offered only as a guide to the handling of this specific material and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and Hukill Chemical Corporation will not be liable for any damages, losses, injuries or consequential damages that may result from the use or reliance of any information contained herein.*