



Material Safety Data Sheet

Lime 96% Calcium Grade

Part Number: 05F172

Hukill Chemical Corporation

7013 Krick Road

Bedford, OH 44146-4493

Section I: Chemical Product & Company Identification

Manufacturer	Hukill Chemical Corporation 7013 Krick Road Bedford, OH 44146-4493	Emergency Telephone Number	(800) 962-1143		
		Chemtrec's Telephone Number	(800) 424-9300		
		Prepared By	Brian Peebles		
Telephone Number	(440) 232-9400	Date Prepared	November 28, 2001		
Fax Number	(440) 232-9477	HMIS	Health	3	
Web Site	http://www.hukill.com		Flammability	0	
Email	hukill@hukill.com		Reactivity	0	
Synonyms					

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 hydroxide	No	1305-62-0	15 *	N/A	N/A	5 *	100
<i>* mg/m³ instead of ppm.</i>							

Section III: Hazardous Identification

Emergency Overview:							
Route(s) of Entry	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes	
Health Hazards (Acute and Chronic)							
Corrosive or irritant to many human tissues. Could cause irreversible eye or respiratory damage.							
Signs and Symptoms of Exposure							
Eye, skin, and respiratory irritation, digestive irritation and burning. Blindness could be caused by permanent burns to the eyes.							
Carcinogenicity	NTP	No	IARC Monographs	No	OSHA Regulated?	No	
Comments	None.						

Section IV: First Aid

Eye Contact	
Skin Contact	
Inhalation	
Ingestion	



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Section V: Fire Fighting Measures

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

Section VI: Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled
Scoop and sweep into metal containers for re-use if not contaminated. Avoid spreading airborne dust. Rinse away residue with water. Material can be flushed into sewers.
Waste Disposal Method
See local regulations. Material can be used to neutralize waste acids, or may be landfilled.

Section VII: Handling And Storage

Precautions to Be Taken in Handling and Storing
Store in a dry place away from acids.
Other Precautions
Avoid spreading airborne dust when handling.

Section VIII: Exposure Controls, Personal Protection

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



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Section IX: Physical And Chemical Properties

Boiling Point	2850C	Specific Gravity (H2O = 1)	2.24
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility In Water	1.33g/L		
Appearance and Odor	State		Solid
Odorless white powder			

Section X: Stability And Reactivity

Stability	Conditions to Avoid	None.
Stable		
Incompatibility (Material to Avoid)	Boric oxide, acids, fluorine, organic materials	
Hazardous Decomposition of Byproducts	None	
Hazardous Polymerization	Conditions to Avoid	None.
Will not occur		

DOT Shipping Name: Lime 96% Calcium Grade

Hazard Class: 0

UN Number:

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