



Material Safety Data Sheet

Sodium Hypochlorite 15%

Part Number: 01C031

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		
Sodium hypochlorite	No	7681-52-9	N/A	N/A	N/A	N/A	15
Sodium hydroxide	No	1310-73-2	2 *	N/A	2 *	2 *	0.3-5.0

* mg/m³ instead of ppm.

Section III: Hazardous Identification

Emergency Overview:							
Route(s) of Entry	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes	
Health Hazards (Acute and Chronic)							
Could cause severe burns to the skin and tissue destruction. Vapor and mists may cause burns to the respiratory tract.							
Signs and Symptoms of Exposure							
Irritation and burns to all exposed tissues.							
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
N/A		N/A	N/A
Extinguishing Media	Use media suitable for extinguishing surrounding fire. Use water spray to cool fire exposed contain		
Special Fire Fighting Procedures			
Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
Unusual Fire and Explosion Hazards			
Releases toxic chlorine gas and hydrogen chloride when heated.			

Section VI: Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled
Stop the spill at the source if safety permits. Avoid spreading into sewers and waterways. Dilute with water, then neutralize with dilute acid. Clean up residue with absorbants and flush the area with water.
Waste Disposal Method
Disposal must be in accordance with federal, state and local regulations.

Section VII: Handling And Storage

Precautions to Be Taken in Handling and Storing
Avoid all contact of liquid with the body. Keep containers tightly closed and store in a cool, dry well-ventilated area.
Other Precautions
Respiratory protection is required if inhalation of mist or decomposition products is possible.

Section VIII: Exposure Controls, Personal Protection

Respiratory Protection (Specify	Full face respirator if mist or decomposition products are present. Supplied-air or SCBA if circumstances require.		
Ventilation	Local Exhaust	Sufficient to keep ambient concentrations below exposure limits.	
	Mechanical (General)	General or local, as needed.	
	Special	None	Other None
Protective Gloves	Chemical resistant.		
Eye Protection	Chemical splash goggles and face shield.		
Other Protective Clothing or Equipment			
Gloves, face shield, or acid resistant clothing may be needed for certain activities. Neoprene and nitrile rubber are recommended.			
Work/Hygienic Practices			
Always wash hands after handling and before eating, smoking, or using the toilet.			



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Section IX: Physical And Chemical Properties

Boiling Point	219F	Specific Gravity (H2O = 1)	1.2
Vapor Pressure (mm Hg)	N/A	Melting Point	-11F
Vapor Density (Air = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility In Water	Complete		
Appearance and Odor	State		Liquid
Slightly yellow, pungent chlorine odor			

Section X: Stability And Reactivity

Stability Stable	Conditions to Avoid	Heating, strong light, metal contamination
Incompatibility (Material to Avoid)	Combustibles, oxidizable materials, amines, alcohols, detergents, reducing agents, metals, ethers, hydrocarbons.	
Hazardous Decomposition of Byproducts	Forms poisonous chlorine gas.	
Hazardous Polymerization Will not occur	Conditions to Avoid	None.

DOT Shipping Name: Hypochlorite Solutions

Hazard Class: 8

UN Number: UN1791

PGIII

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