



MATERIAL SAFETY DATA SHEET

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[illegible]

VI Accidental Measures	Spill and Leak Clean Up Procedures	FLUSH SMALL AMOUNTS TO DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. THIS PRODUCT DOES NOT CONTAIN A REPORTABLE QUANTITY (RQ) UNDER CERCLA.										
	Environmental Precaution:											
VII Handling and Storage	Ventilation Required?	NONE Instructions NOT USUALLY REQUIRED.										
	Safe Storage, Handling and Use Instructions	STORE AT AMBIENT ROOM TEMPERATURE. AVOID CONTACT WITH HEAT OR MOISTURE.										
	Incompatible Materials	STRONG ACIDS, NITROGEN CONTAINING AND OXIDIZERS.										
VIII Exposure Controls/ Personal Protection	Protective Gloves	ALKALI RESISTANT.										
	Eye Protection	FACE SHIELD OR GOGGLES.										
	Respiratory Protection	NIOSH/MSHA APPROVED RESPIRATOR RECOMMENDED FOR CHLORINE FUMES IF PROLONGED OR RELATED EXPOSURE IS LIKELY.										
	Other Protective Clothing Equipment	WEAR CHEMICAL APRON WHEN NECESSARY.										
IX Physical and Chemical Properties	Characteristics of Hazardous Chemical											
	Vapor Pressure	N/A	MmHg@	NA	°C	Vapor Density(Air=1)	N/A	pH	11.0	Water Solubility	100	%
	Appearance & Odor		CLEAR YELLOW LIQUID CHLORINE ODOR.									
	Boiling Point	212	°F	Melting Point	°F	Flammability Limits in Air By Volume: Upper		Lower				
	Flash Point	°F	Auto Ignition	°F	Oxidizing Properties							
	Specific Gravity	1.150				Volatile by Volume		N/A %				
	Evaporation Rate(n-Butyl Acetate=1)											
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive	STABLE										
	Reactivity and Hazardous Polymerization	NONE KNOWN.										
	Possible Hazardous Reactions	NONE										
	Conditions to Avoid	NONE										
	Materials To Avoid	STRONG ACIDS, NITROGEN CONTAINING AND OXIDIZERS.										
	Hazardous Decomposition Products	CHLORINE.										
XI Toxicological Information												
XII Ecological Information	Possible Effects and Environmental Fate	NO DATA AVAILABLE.										
	Degradability											
	Aquatic Toxicity											
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling	USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER, TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. DISPOSE IN A MANNER CONSISTENT WITH LOCAL, STATE, AND FEDERAL REGULATIONS.										
	Disposal of Contaminated Material	CHLORINE.										
XIV Transport Information	HYPOCHLORITE SOLUTIONS, (WITH MORE THAN 5 PERCENT BUT LESS THAN 16 PERCENT AVAILABLE CHLORINE), 8, UN1791, PG III, (ERG NO. 60, NAERG#154											
XV-Regulatory Information												
XVI-Other Information												
S.A.R.A. Title III Section 313	NONE											
State Right to Know Information	WATER - CAS #7732-18-5 SODIUM HYDROXIDE - CAS #1310-73-2 SODIUM HYPOCHLORITE - CAS #7681-52-9 SODIUM CHLORIDE - CAS #7647-14-5 SODIUM CARBONATE - CAS #497-19-8											