

# MATERIAL SAFETY DATA SHEET

## CHLORINEX

Section 1	<b>Chemical Product and Company Identification</b>		
	Product Name	CHLORINEX	
	Product Type	Liquid Chlorine Sanitizer	
	Manufacturer Address	KALINISAN CHEMICALS CORP. Bldg 1 Cainta Business Center, Vista Verde Exec Village, Cainta Rizal	
	Emergency Tel. Nos.	(632) 571-5314, 682-2873	
	E-mail	info@kalinisanchemicals.com	
Section 2	<b>Composition, Information on Ingredients</b>		
	Ingredients: Sodium Hypochlorite	CAS #: 7681-52-9	OSHA PEL (TA): 3 mg/cu m
Section 3	<b>Hazards Identification</b>		
	Eyes	Corrosive to eyes	
	Skin	Irritating to skin	
	Inhalation	Irritating to respiratory system	
	Ingestion	Can cause burn to mouth and stomach	
Section 4	<b>First Aid Measures</b>		
	Eye Contact	Flush eyes with running water for at least 15 minutes. Seek medical attention immediately.	
	Skin Contact	Wash with running water for at least 15 minutes while removing contaminated clothing. If symptoms persist, get medical attention immediately.	
	Inhalation	Move patient to fresh air. If symptoms persist, get medical attention immediately.	
	Ingestion	If the person is conscious, give small amount of water to drink. NEVER GIVE WATER TO AN UNCONCIOUS PERSON. Do not induce vomiting. Seek medical attention immediately.	

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Section 5	<b>Fire Fighting Measures</b>	
	Special Fire Hazards	Product does not support combustion. May release halogenated compounds.
	Fire Fighting Methods	Use water spray, or foam
Section 6	<b>Accidental Release Measures</b>	
	Clean-up	Dike or dam large spills; pump to containers soak up on inert absorbent, Flush residue to sanitary sewer; rise area thoroughly.
	Waste Disposal	Consult local disposal authorities for restrictions on disposal of chemical waste.
Section 7	<b>Handling and Storage</b>	
	HANDLING	Wash thoroughly after handling. Keep container tightly closed.
	STORAGE	Store in a tightly closed container. Store in a cool, dry, well-ventilated area. KEEP OUT OF REACH OF CHILDREN.
Section 8	<b>Exposure Control, Personal Protection</b>	
	Eyes	Use splash goggles. For continued exposure, wear a face shield over the goggles.
	Hands	Rubber gloves, or chemical resistant gloves preferred.
	Skin	Use splash aprons preferably synthetic aprons. Use other necessary protective equipment to prevent skin contact
	Inhalation	Avoid Breathing dusts or mists of this product. Use respirator when ventilation is insufficient.
Section 9	<b>Physical and Chemical Properties</b>	
	Appearance pH, 100 % @ 25°C Specific Gravity % Active (Chlorine)	Clear yellowish liquid >12.0 1.10 – 1.13 6.0 – 8.0
Section 10	<b>Stability and Reactivity</b>	
	Stability	Stable under normal conditions of handling. No special requirements beyond standard industrial practices.
	Conditions to avoid	Avoid contact with acids and ammonia, may release chlorine gas

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Section 11	<b>Toxicological Information</b>	
	Carcinogenicity (NTP/IARC/OSHA)	None
Section 12	<b>Ecological information</b>	
	Ecotoxicity:	No information available.
Section 13	<b>Disposal Considerations</b>	
	Waste must be disposed of in accordance with state and local environmental control regulations.	
Section 14	<b>Transport information</b>	
	UN Number Proper Shipping Name Class Packing Group Note	1791 Hypochlorite solutions 8 III Refer to shipping documents for specific transportation information
Section 15	<b>Regulatory information</b>	
	Section 302 (EHS) TPQ Section 304 EHS RQ CERCLA RQ Section 313 RCRA CODE CAA 112(r) TQ	No substance listed No substance listed 100 lbs for Sodium Hypochlorite No substance listed No substance listed No substance listed
Section 16	<b>Other information</b>	
	References MSDS Creation Date Most Recent Revision Date Document No.	OSHA, NIOSH, EPCRA, CERCLA September 10, 2010 November 13, 2014 KCC-MSI-QC-003 rev 2
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