



## MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

I Chemical Product and Company Indentification I I Composition/ Information on Ingredients	SODIUM HYDRO SODIUM HYPOO	DIBAC         08500153       UPC-A 774205559938       SCC         JOHNSONDIVERSEY INC.       3630 E. KEMPER RD       CINCINNATI, OH 45241-2046         LIQUID CHLORINATED SANITIZER       Hazardous Ingredient         OXIDE (1310-73-2)       CHLORITE (7681-52-9)         ED PRODUCT #875-47	% <1 <10	TLV 2;	Emergency Medical(Collect) Chemtree Date re Limits ; PEL 2 ESTABLISHED	(303) (800)	)831-9889 )592-1024 )424-9300 6/1996 Units MG/M3	
III	A       CAUSES BURNS TO EYES AND SKIN WITH PAIN, REDNESS, AND         C       SWELLING. INHALATION MAY CAUSE IRRITATION OR BURNS TO         Signs       U         and       T         Symptoms       C         of       H         Exposure       0							
Haz ards Identific ation	Exposure       N         I       C         HMIS:       Health 3         Flammability       0         Reactivity       0         Personal Protection       D         Conditions Aggravated       SENSITIVE SKIN. MIST MAY AGGRAVATE RESPIRATORY DISEASE.         Carcinogen Info       NOT CARCINOGENIC         NTP       IARC         Target Organs or System         Routes of Exposure:       Inhalation         Skin       Ingestion							
IV	Routes of Exposure:       Initiation       Skin       Ingestion         Inhalation       REMOVE TO FRESH AIR. IF DIFFICULTY BREATHING, GET MEDICAL ATTENTION.         Eyes       IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET PROMPT MEDICAL ATTENTION.							
First Aid Measures	Skin       IMMEDIATELY FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET PROMPT MEDICAL ATTENTION.         Ingestion       GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE FLUIDS BY MOUTH TO AN UNCONSCIOUS PERSON.							
V Fire Fighting Measures	Fire Control Measures/ Equipment       WEAR FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS (SCBA) IN FIRE AREA.         Equipment       Flammable Property Info         Explosion Info       HIGH TEMPERATURE WILL RELEASE CHLORINE OR OXYGEN         Extinguishing Media       WATER SPRAY, CO2, DRY CHEMICAL         Gases       Flammable Property Info							

VI Accidental Measures	Spill and Leak Clean UPPROVIDE GOOD VENTILATION. AVOID CONTACT WITH ORGANIC MATERIALS. DIKE AREA TO CONTAIN SPILL; MOP UP OR PUMP LIQUID INTO SUITABLE 							
	Environmental Precautions							
	Ventilation Required? NO Instructions NORMAL AIR DILUTION							
VII Handling and Storage	Safe Storage,       STORE THE PRODUCT IN A COOL AREA, AWAY FROM DIRECT SUN LIGHT AND         Handling       HEAT TO AVOID DETERIORATION. KEEP CONTAINER CLOSED WHEN NOT         and Use       IN USE.         Instructions       Instructions							
	Imcompatible Materials							
	Protective Gloves RUBBER GLOVES							
VIII	Eye Protection FACE SHIELD OR GOGGLES							
Exposure Controls/ Personal Protection	Respiratory         PROVIDE NIOSH/MSHA-APPROVED RESPIRATOR RECOMMENDED FOR           Protection         CHLORINE FUMES IF PROLONGED OR REPEATED EXPOSURE IS LIKELY.							
	Other Protective CLOTHING COVERING ARMS AND LEGS AND FOOTWEAR TO PREVENT SKIN CONTACT. EYE WASH IN USE AREA.							
	Characteristics o of Hazardous Chemcial         Vapor Pressure       17.5       MmHg@       20       °C       Vapor Density(Air=1)       N/A       pH       Water Solubility       100       %							
IX	Appearance & Odor CLEAR, LIGHT YELLOW LIQUID; CHLORINE ODOR							
Physical and Chemical	Boiling Point     212     °F     Melting Point     °F     Flammability Limits in Air By Volume: Upper N/A     Lower N/A							
Properties	Flash Point         NONE °F         Auto Ignition         N/A         °F         Oxidizing Properties							
	Specific Gravity 1.200 Volatile by Volume 85 %							
	Evaporation Rate(n-Butyl Acetate=1) 1. Peroxide, Pyrophoric, Unstable or Water Reactive NONE							
	Reactivity and Hazardous Polymerization NONE							
Х	Possible Hazardous Reactions							
Stability and	Conditions to Avoid							
Reactivity	Materials To Avoid       ACIDS, NITROGEN CONTAINING COMPOUNDS, AND OXIDIZERS         Hazardous       RELEASES IRRITATING AND TOXIC CHLORINATED GAS AT 250 DEGREES F.							
	Hazardous RELEASES IRRITATING AND TOXIC CHLORINATED GAS AT 250 DEGREES F. Decomposition Products							
XI Toxicological Information								
XII	Possible Effects and Environmental Fate							
Ecological Information	Degradability							
	Aquatic Toxicity Method of TRIPLE RINSE CONTAINER WITH COLD WATER; DISPOSE OF IN ACCORDANCE							
	Disposal, WITH FEDERAL, STATE AND LOCAL REGULATIONS.							
XIII	Residues and SEE PRODUCT LABEL FOR ADDITIONAL PRECAUTIONS.							
Disposal	Handling							
Consideration								
	Disposal of Contaminated Material RELEASES IRRITATING AND TOXIC CHLORINATED GAS AT 250 DEGREES F.							
XIV	Contaminated Material HYPOCHLORITE SOLUTIONS, (WITH MORE THAN 5 PERCENT BUT LESS THAN 16 PERCENT AVAIL							
XIV Transport Information XV-Regulatory Information	ABLE CHLORINE), 8, UN1791, PG III, (ERG NO. 60, NAERG#154							
XVI-Other Information								
S.A.R.A. Title III Section 313	ALL CHEMICAL INGREDIENTS ARE ON TSCA INVENTORY.							
State Right to Know Information	SODIUM HYDROXIDE - CAS #1310-73-2 SODIUM HYPOCHLORITE - CAS #7681-52-9 WATER - CAS #7732-18-5 SODIUM CARBONATE - CAS #497-19-8 SODIUM CHLORIDE - CAS #7647-14-5							