

MATERIAL SAFETY DATA SHEET

DIBAC Product Name Emergency (800)831-9889 I (303)592-1024 08500280 SCC 10774205559942 Medical(Collect) UPC-A 774205559945 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 08/26/1996 Date Indentification **CINCINNATI, OH 45241-2046** LIQUID CHLORINATED SANITIZER Chemical Family Units Chemical Name of Hazardous Ingredient **Exposure Limits SODIUM HYDROXIDE (1310-73-2) TLV 2: PEL 2** MG/M3 <1 **SODIUM HYPOCHLORITE (7681-52-9)** NONE ESTABLISHED <10 Π **EPA REGISTERED PRODUCT #875-47** Composition/ Information on Ingredients CAUSES BURNS TO EYES AND SKIN WITH PAIN, REDNESS, AND SWELLING. INHALATION MAY CAUSE IRRITATION OR BURNS TO RESPIRATORY TISSUE WITH COUGHING OR CHOKING. SWALLOWING Signs П CAUSES PAIN, NAUSEA, AND POSSIBLE TISSUE DAMAGE. and Symptoms NO KNOWN CHRONIC HAZARDS Exposure Ш O Haz ards Identific ation HMIS: Personal Protection Health 3 Flammability Reactivity D SENSITIVE SKIN. MIST MAY AGGRAVATE RESPIRATORY Conditions Aggravated DISEASE. Carcinogen Info NOT CARCINOGENIC NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin Ingestion П REMOVE TO FRESH AIR. IF DIFFICULTY BREATHING, GET MEDICAL Inhalation ATTENTION. IV 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. Fire Control WEAR FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING Measures/ APPARATUS (SCBA) IN FIRE AREA. Equipment V Flammable Property Info Fire Fighting HIGH TEMPERATURE WILL RELEASE CHLORINE OR OXYGEN **Explosion Info** Measures Extinguishing Media WATER SPRAY, CO2, DRY CHEMICAL Gases

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VI Accidental Measures	Spill and Leak Clean UP Procedures Provide GOOD VENTILATION. AVOID CONTACT WITH ORGANIC MATERIALS. DIKE AREA TO CONTAIN SPILL; MOP UP OR PUMP LIQUID INTO SUITABLE CONTAINER. FLUSH TO SANITARY SEWER SYSTEM WITH PLENTY OF WATER. CERCLA PRODUCT RQ = SODIUM HYPOCHLORITE 66 GALLONS
	Environmental Precautions
	Ventilation Required? NO Instructions NORMAL AIR DILUTION
VII Handling and Storage	Safe Storage, Handling and Use Instructions STORE THE PRODUCT IN A COOL AREA, AWAY FROM DIRECT SUN LIGHT AND HEAT TO AVOID DETERIORATION. KEEP CONTAINER CLOSED WHEN NOT IN USE.
	Imcompatible Materials
	Protective Gloves RUBBER GLOVES
VIII	Eye Protection FACE SHIELD OR GOGGLES
Exposure Controls/ Personal Protection	Respiratory Protection PROVIDE NIOSH/MSHA-APPROVED RESPIRATOR RECOMMENDED FOR 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
IX	Vapor Pressure 17.5 MmHg@ 20 °C Vapor Density(Air=1 N/A pH Water Solubility 100 %
Physical and Chemical Properties	Appearance & Odor CLEAR, LIGHT YELLOW LIQUID; CHLORINE ODOR Boiling Point 212 °F Melting Point °F Flammability Limits in Air By Volume: Upper N/A Lower N/A
	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 Reactivity and Hazardous Polymerization NONE
X	Possible Hazardous Reactions
	Conditions to Avoid
Stability and Reactivity	Materials To Avoid ACIDS, NITROGEN CONTAINING COMPOUNDS, AND OXIDIZERS
7/1	Hazardous RELEASES IRRITATING AND TOXIC CHLORINATED GAS AT 250 DEGREES F. Decomposition Products
XI Toxicological Information	
XII Ecological Information	Possible Effects and Environmental Fate
	Degradability
	Aquatic Toxicity Method of TRIPLE RINSE CONTAINER WITH COLD WATER; DISPOSE OF IN ACCORDANCE
XIII Disposal Consideration	Disposal, Residues and Safe Handling WITH FEDERAL, STATE AND LOCAL REGULATIONS. SEE PRODUCT LABEL FOR ADDITIONAL PRECAUTIONS.
	Disposal of Contaminated Material RELEASES IRRITATING AND TOXIC CHLORINATED GAS AT 250 DEGREES F.
XIV Transport Information	HYPOCHLORITE SOLUTIONS, (WITH MORE THAN 5 PERCENT BUT LESS THAN 16 PERCENT AVAIL ABLE CHLORINE), 8, UN1791, PG III, (ERG NO. 60, NAERG#154
XV-Regulatory Information 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