

MATERIAL SAFETY DATA SHEET

DIOKLOR Product Name Emergency (800)831-9889 I (303)592-1024 08353330 SCC Medical(Collect) UPC-A 774205559990 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 10/26/1995 Date Indentification **CINCINNATI, OH 45241-2046** LIQUID CHLORINATED CLEANER Chemical Family Units Chemical Name of Hazardous Ingredient **Exposure Limits SODIUM HYDROXIDE (1310-73-2)** 8 **TLV 2: PEL 2** MG/M3 **SODIUM HYPOCHLORITE (7681-52-9)** NONE ESTABLISHED Π 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: Health 3 Personal Protection Flammability Reactivity \mathbf{c} 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 X Ingestion X Х Inhalation REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. IV Eyes IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF EYES ARE INJURED OR IRRITATION PERSISTS. First Aid Measures Skin IMMEDIATELY FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. Ingestion GIVE SEVERAL GLASSES OF 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 LIQUID CORROSIVE MATERIAL **Explosion Info** Measures Extinguishing Media WATER SPRAY, CO2, DRY CHEMICAL Gases

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VI Accidental Measures	Spill and Leak Clean UP Procedures CERCLA PRODUCT RQ = SODIUM HYPOCHLORITE 217 GALLONS, SODIUM HYDROXIDE 1,282 GALLONS Environmental Precautions
VII Handling and Storage	Ventilation Required? TLV LEVEL Instructions MAINTAIN PEL/TLV Safe Storage, Handling and Use Instructions Instructions Instructions MAINTAIN PEL/TLV MAINTAIN PEL/TLV MAINTAIN PEL/TLV MAINTAIN PEL/TLV MAINTAIN PEL/TLV MAINTAIN PEL/TLV STORE IN A COOL, DRY PLACE. KEEP CONTAINER CLOSED WHEN MOVING OR NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. DO NOT MIX WITH ACIDS OR AMMONIA COMPOUNDS AS TOXIC GAS MAY BE RELEASED.
	Imcompatible Materials
	Protective Gloves RUBBER/CHEMICAL RESISTANT
VIII	Eye Protection CHEMICAL GOGGLES, SIDE SHIELDED SAFETY GLASSES, OR FACE SHIELD
Exposure Controls/ Personal Protection	Respiratory Protection WEAR APPROVED CARTRIDGE RESPIRATOR TO MAINTAIN PEL/TLV IN MIST OR SPRAY CONDITIONS.
	Other Protective Clothing Equipment WEAR APRON, PROTECTIVE CLOTHING AND FOOTWEAR. LAUNDER CLOTHES BEFORE REUSE. SAFETY SHOWER/EYE WASH.
	Characteristics o of Hazardous Chemcial Vapor Pressure 20.6 MmHg@ 20 °C Vapor Density(Air=1 N/A pH Water Solubility 100 %
IX	Vapor Pressure 20.6 MmHg@ 20 °C Vapor Density(Air=1 N/A pH Water Solubility 100 % Appearance & Odor YELLOW LIQUID; CHLORINE ODOR
Physical and Chemical Properties	Boiling Point 216 °F Melting Point °F Flammability Limits in Air By Volume: Upper N/A Lower N/A Flash Point N/A °F Auto Ignition N/A °F Oxidizing Properties
	Specific Gravity 1.150 Volatile by Volume 76 %
	Evaporation Rate(n-Butyl Acetate=1) >1 Peroxide, Pyrophoric, Unstable or Water Reactive NONE Reactivity and Hazardous Polymerization NONE
X	Possible Hazardous Reactions
Stability and	Conditions to Avoid
Reactivity	Materials To Avoid Hazardous ACIDS, NITROGEN CONTAINING COMPOUNDS, AND OXIDIZERS RELEASES IRRITATING AND TOXIC CHLORINATED GAS AT 250 DEGREES F
	Decomposition Products
XI Toxicological Information	
XII	Possible Effects and Environmental Fate Degradability
Ecological Information	Degradability Aquatic Toxicity
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling CORROSIVE MATERIAL - D002 RCRA HAZARDOUS DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. TRIPLE RINSE EMPTY CONTAINER AND ADD RINSATE TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING, RECYCLING, OR DISPOSAL OF CONTAINER.
	Disposal of Contaminated Material RELEASES IRRITATING AND TOXIC CHLORINATED GAS AT 250 DEGREES F
XIV Transport Information	CONTACT DISTR. DEPT. FOR DESCRIPTION
XV-Regulatory Information XVI-Other Information	
S.A.R.A. Title III Section 313	NONE
State Right to Know Information	SODIUM HYDROXIDE - CAS #1310-73-2 SODIUM CHLORIDE - CAS #7647-14-5 SODIUM HYPOCHLORITE - CAS #7681-52-9 WATER - CAS #7732-18-5 SODIUM POLYACRYLATE - CAS #9003-01-4