

MATERIAL SAFETY DATA SHEET

MASTER KLEEN PLUS Product Name Emergency (800)831-9889 I 03025273 UPC-A SCC Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 06/18/1996 Date Indentification **CINCINNATI, OH 45241-2046** SELF-FOAMING CHLORINATED CLEANER Chemical Family Units Chemical Name of Hazardous Ingredient **Exposure Limits POTASSIUM HYDROXIDE (1310-58-3)** <10 TLV C 2; PEL C 2 MG/M3 Π NONE ESTABLISHED **SODIUM HYPOCHLORITE (7681-52-9)** <4 Composition/ Information on Ingredients CAUSES BURNS TO SKIN AND EYES.
MISTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT Signs U and Symptoms SAME AS ACUTE Exposure Ш O Haz ards Identific ation HMIS: Health 3 Personal Protection Flammability 0 Reactivity D Conditions Aggravated SENSITIVE EYES, SKIN, IMPAIRED PULMONARY FUNCTION. Carcinogen Info NONE NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin Ingestion X X Inhalation REMOVE TO FRESH AIR IV Eyes FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES, GET MEDICAL ATTENTION. First Aid Measures Skin FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER REMOVE CONTAMINATED CLOTHES AND SHOES Ingestion GIVE WATER. DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION. Fire Control KEEP CONTAINERS COOL WITH WATER SPRAY. WEAR PROTECTIVE GEAR Measures/ AND SELF CONTAINED BREATHING APPARATUS IN FIRE AREA. Equipment V Flammable Property Info Fire Fighting NONE **Explosion Info** Measures Extinguishing Media CO2, DRY CHEMICALS Gases

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VI Accidental Measures	Spill and Leak TO CONTAINER. Clean UP Procedures REPORTABLE QUANTITY (R.Q.) OF PRODUCT: 2500 LBS. OR 254 GAL.
VII Handling and Storage	Ventilation Required? NO Instructions PRODUCING NORMAL AIR DILUTION
	Safe Storage, Handling and Use Instructions KEEP FROM FREEZING. IF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP COVER ON CONTAINER WHEN NOT IN USE. DO NOT PRESSURE CONTAINER TO EMPTY.
	Imcompatible Materials
	Protective Gloves ALKALI RESISTANT
VIII	Eye Protection FACE SHIELD WHEN POURING
Exposure Controls/ Personal Protection	Respiratory Protection IF PEL/TLV MAY BE EXCEEDED, USE A NIOSH APPROVED HIGH EFFICIENCY PARTICULATE FILTER.
	Other Protective NONE Clothing Equipment
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemcial
	Vapor Pressure 17.5 MmHg@ 20 °C Vapor Density(Air=1 N/A pH Water Solubility 100 % Appearance & Odor SLIGHTLY VISCOUS, CLEAR WHITE TO AMBER LIQUID; CHLORINE ODOR
	Boiling Point 215 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE
	Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties
	Specific Gravity 1.169 Volatile by Volume 70 %
	Evaporation Rate(n-Butyl Acetate=1) >1
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive LOW
	Reactivity and Hazardous Polymerization NONE Possible Hazardous Reactions
	Conditions to Avoid
	Materials FLAMMABLE LIQUIDS, ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS, To Avoid STRONG ACIDS CAUSE VIOLENT REACTIONS.
	Hazardous CL2 WITH INCOMPLETE Decomposition Products COMBUSTION.
XI Toxicological Information	
XII Ecological Information	Possible Effects and Environmental Fate
	Degradability
	Aquatic Toxicity Method of USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER
XIII Disposal Consideration	Disposal, Residues and Safe Handling TRIPLE RINSE WITH WATER, ADD TO OPERATION REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL CONTAINS PHOSPHATES
	Disposal of CL2 WITH INCOMPLETE COMBUSTION.
XIV Transport Information	CAUSTIC ALKALI LIQUIDS, N.O.S., (POTASSIUM HYDROXIDE, SODIUM HYPOCHLORITE), 8, UN1719, PG II, ERG NO.60, NAERG NO. 154
XV-Regulatory Information	
XVI-Other Information	NONE
S.A.R.A. Title III Section 313	NONE ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.
State Right to Know Information	SODIUM HYPOCHLORITE CAS #7681-52-9 POTASSIUM HYDROXIDE - CAS #1310-58-3 WATER - CAS #7732-18-5 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4