

MATERIAL SAFETY DATA SHEET

SUPER IMPEDE Product Name Emergency (800)831-9889 I 08497070 UPC-A 774205551451 SCC Medical(Collect) (303)592-1024 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** CHLORINATED LAUNDRY CONCENTRATE Chemical Family Units Chemical Name of Hazardous Ingredient **Exposure Limits SODIUM HYPOCHLORITE (7681-52-9)** 10 NOT ESTABLISHED **SODIUM HYDROXIDE (1310-73-2)** TLV 2; PEL 2 <1 Π Composition/ Information on Ingredients CORROSIVE TO SKIN AND EYES. MISTS ARE SEVERE RESPIRATORY IRRITANTS.
HARMFUL IF SWALLOWED, CAUSES BURNS TO MOUTH AND GASTRIC Signs U IRRITATION. and Symptoms SAME AS ACUTE Exposure Ш O Haz ards Identific ation HMIS: Health 3 Personal Protection Flammability Reactivity D DERMATITIS OR SENSITIVE SKIN; MAY AGGRAVATE RESPIRATORY Conditions Aggravated DISEASE OR CONDITIONS. Carcinogen Info NONE NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin X Ingestion X X Inhalation REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. IV Eyes FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY. First Aid Measures Skin FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION. Ingestion GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Fire Control KEEP COOL. WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN Measures/ CONTACT AND SCBA. Equipment V Flammable Property Info Fire Fighting HIGH TEMPERATURE WILL RELEASE CL2. **Explosion Info** Measures Extinguishing Media CO2, DRY CHEMICALS, WATER Gases

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VI Accidental Measures	Spill and Leak Clean UP Procedures Solid HAZARDOUS WASTE. LEAKS SHOULD BE STOPPED AND SPILLS CONTAINED. NEUTRALIZE RESIDUE WITH SODIUM THIOSULFATE FOR CHLORINE AND DILUTE MINERAL ACIDS FOR ALKALINITY. Environmental Precautions
VII Handling and Storage	Ventilation Required? NO Instructions PRODUCING NORMAL AIR DILUTION Safe Storage, Handling and Use Instructions NO Instructions PRODUCING NORMAL AIR DILUTION PRODUCING NORMAL AIR DILUTION REEP AWAY FROM ACIDS. IF FROZED, KEEP FROM FREEZING. KEEP AWAY FROM ACIDS. IF FROZEN, THAW AND MIX TO MAKE USABLE. DO NOT PRESSURE CONTAINER TO EMPTY. STORE IN A COOL AREA AWAY FROM HEAT SOURCES. KEEP AWAY FROM ACIDS.
Č	Imcompatible Materials
	Protective Gloves ALKALI RESISTANT, RUBBER, OR PVC
VIII	Eye Protection FACE SHIELD, SIDE SHIELD SAFETY GLASSES.
Exposure Controls/ Personal Protection	Respiratory NIOSH ALKALINE CARTRIDGE WITH CHARCOAL FILTER IF Protection EXPOSURE LIMITS EXCEEDED.
	Other Protective CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR; SAFETY SHOWER/EYE WASH IN USE AREA.
	Characteristics o of Hazardous Chemcial
IX	Vapor Pressure 20.4 MmHg@ 20 °C Vapor Density(Air=1 N/A pH 11.5 Water Solubility 100 % Appearance & Odor CLEAR LIGHT YELLOW LIQUID; CHLORINE ODOR
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 NONE Lower NONE
	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
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive NONE Reactivity and Hazardous Polymerization NONE
	Possible Hazardous Reactions
	Conditions to Avoid
	Materials CONCENTRATED MINERAL ACIDS, HEAT, SOFT METALS OR NITROGEN CONTAINING CHEMICALS LIKE AMMONIA RELEASE CHLORINE.
VI	Hazardous Decomposition Products HIGH TEMPERATURE WILL RELEASE CL2 GAS WHICH IS IRRITATING OR TOXIC.
XI Toxicological Information	
XII	Possible Effects and Environmental Fate
Ecological Information	Degradability
Information	Aquatic Toxicity Method of USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY
XIII Disposal Consideration	Disposal, Residues and Safe Handling Handling Disposal, Residues and Safe Accordance With Water, ADD TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. PH ADJUSTMENT; NO PHOSPHATES. DISPOSE OF IN ACCORDANCE WITH FEDERAL, LOCAL AND STATE REGULATION DO NOT DISCHARGE TO LAKES OR STREAMS AS SOLUTIONS MAY BE TOXIC TO AQUATIC LIFE.
	CERCLA PRODUCT RQ = SODIUM HYPOCHLORITE 66 GALLONS
	Disposal of Contaminated Material HIGH TEMPERATURE WILL RELEASE CL2 GAS WHICH IS IRRITATING OR TOXIC.
XIV Transport Information XV-Regulatory 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
XVI-Other Information	
S.A.R.A. Title III Section 313	ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.
State Right to Know Information	SODIUM HYDROXIDE - CAS #1310-73-2 SODIUM HYPOCHLORITE - CAS #7681-52-9 WATER - CAS #7732-18-5