

## MATERIAL SAFETY DATA SHEET

LAUNDRY DESTAINER-SANITIZER Product Name Emergency (800)831-9889 I Medical(Collect) (303)592-1024 08498100 UPC-A 774205551406 SCC 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 **Exposure Limits** Units Chemical Name of Hazardous Ingredient **SODIUM HYPOCHLORITE (7681-52-9)** <10 NOT ESTABLISHED **SODIUM HYDROXIDE (1310-73-2)** TLV 2; PEL 2 MG/M3 <1  $\Pi$ Composition/ EPA REGISTERED PRODUCT NO. Information 875-20003 on Ingredients CORROSIVE TO SKIN AND EYES. MISTS ARE RESPIRATORY IRRITANTS. Signs and Symptoms SAME AS ACUTE Exposure Ш O Haz ards Identific ation HMIS: Health 3 Reactivity Personal Protection Flammability 0 D SENSITIVE SKIN Conditions Aggravated 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. First Aid Measures Skin WASH OFF IMMEDIATELY WITH SOAP AND LARGE OUANTITIES OF WATER. GET PROMPT MEDICAL ATTENTION. REMOVE AND LAUNDER CONTAMINATED CLOTHING AND FOOTWEAR. IF SWALLOWED, DRINK LARGE AMOUNTS OF WATER. DO NOT INDUCE Ingestion VOMITING. CALL A PHYSICIAN OR POISON CENTER IMMEDIATELY. WEAR FULL PROTECTIVE GEAR AND SELF CONTAINED BREATHING Fire Control Measures/ APPARATUS IN FIRE AREA. Equipment V Flammable Property Info Fire Fighting HIGH TEMPERATURE WILL RELEASE CL2 OR OXYGEN **Explosion Info** Measures Extinguishing Media CO2, DRY CHEMICALS, WATER Gases

Printed: 02/06/2004

VI Accidental Measures	Spill and Leak Clean UP Procedures  CERCLA PRODUCT RQ: SODIUM HYPOCHLORITE 66 GALLONS  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. DO NOT BREATHE MIST.
	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. DELUGE SYSTEM AS REQUIRED BY OSHA 1910.151.
	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 NONE  Reactivity and Hazardous Polymerization NONE
X	Possible Hazardous Reactions
	Conditions to Avoid
Stability and Reactivity	Materials To Avoid  ACIDS, AMMONIA, ORGANICS AND REDUCING AGENTS. CHLORINE GAS WILL BE RELEASED UPON CONTACT WITH ACIDS.
	Hazardous CO2 WITH INCOMPLETE COMBUSTION 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 CO2 WITH INCOMPLETE COMBUSTION Contaminated Material
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