

I Chemical Product and Company Identification	Product Name LINENBRITE CONC LIQ CHLORINE BLEACH		Emergency (800)831-9889		
	Product Code 3041027 UPC-A 774205562549 SCC		Medical(Collect) (303)592-1024		
	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300 Date 04/03/2003		
Chemical Family LAUNDRY DESTAINER					
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient SODIUM HYDROXIDE 1310-73-2 SODIUM HYPOCHLORITE 7681-52-9		% 1.0 10	Exposure Limits TLV-C 2 NONE ESTABLISHED	Units MG/M3
III Hazards Identification	Signs and Symptoms of Exposure A C U T E C H R O N I C	EYES: CORROSIVE. MAY CAUSE PERMANENT DAMAGE INCLUDING BLINDNESS. SKIN: CORROSIVE. MAY CAUSE PERMANENT DAMAGE. INGESTION: CORROSIVE. MAY CAUSE BURNS TO MOUTH, THROAT AND STOMACH. INHALATION: MAY CAUSE IRRITATION AND CORROSIVE EFFECTS TO NOSE, THROAT AND RESPIRATORY TRACT.			
		SAME AS ACUTE EFFECTS.			
	HMIS: Health 3 Flammability 0 Reactivity 1 Personal Protection D				
	Conditions Aggravated INDIVIDUALS WITH CHRONIC RESPIRATORY DISORDERS ASTHMA, BRONCHITIS OR EMPHYSEMA MAY BE MORE EASILY AFFECTED.				
	Carcinogen Info NTP IARC OSHA				
	Target Organs or System EYES, SKIN, RESP.TRACT, AND GASTROINTESTINAL TRACT				
IV First Aid Measures	Routes of Exposure: Inhalation ☒ Skin ☒ Ingestion ☒				
	Inhalation	IF BREATHING IS AFFECTED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IMMEDIATELY.			
	Eyes	IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES KEEPING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY.			
	Skin	FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY.			
	Ingestion	DO NOT INDUCE VOMITING. IMMEDIATELY DRINK ONE CUPFUL OF WATER OR MILK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.			
V Fire Fighting Measures	Fire Control Measures/ Equipment WEAR FULL PROTECTIVE GEAR AND POSITIVE PRESSURE BREATHING APPARATUS (SCBA) IN FIRE AREA.				
	Flammable Property Info				
	Explosion Info BURNING OR DECOMPOSITION MAY FORM HYDROGEN CHLORIDE OR OTHER TOXIC GASSES.				
	Extinguishing Media WATER SPRAY, CO2, FOAM OR DRY POWDER.				
	Gases				

VI Accidental Measures	Spill and Leak Clean UP Procedures WEAR PROTECTIVE CLOTHING. SOAK UP OR ABSORB LIQUID ON SUITABLE ABSORBENT MATERIAL. COLLECT AND PLACE IN CHEMICAL WASTE CONTAINER DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. FLUSH SPILL AREA WITH WATER.				
	Environmental Precaution:				
VII Handling and Storage	Ventilation Required? REQUIRED Instructions GOOD GENERAL VENTILATION.				
	Safe Storage, Handling and Use Instructions AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT TASTE OR SWALLOW. AVOID BREATHING VAPORS OR SPRAY MISTS. USE ONLY WITH ADEQUATE VENTILATION. REMOVE AND WASH CONTAMINATED CLOTHING AND FOOTWEAR BEFORE RE-USE. KEEP OUT OF REACH OF CHILDREN				
	Imcompatible Materials ACIDS, OXIDIZING AGENTS.				
VIII Exposure Controls/ Personal Protection	Protective Gloves CHEMICAL RESISTANT GLOVES. INCLUDES: NEOPRENE GLOVES.				
	Eye Protection CHEMICAL SPLASH GOGGLES.				
	Respiratory Protection IF MISTS/VAPORS ARE NOT ADEQUATELY CONTROLLED BY VENTILATION, USE APPROPRIATE RESPIRATORY PROTECTION TO AVOID OVER EXPOSURE.				
	Other Protective Clothing Equipment IF MAJOR EXPOSURE IS POSSIBLE, WEAR SUITABLE PROTECTIVE CLOTHING AND FOOTWEAR.				
IX Physical and Chemical Properties	Characteristics of Hazardous Chemical				
	Vapor Pressure 17.5 MmHg@ 20 °C		Vapor Density(Air=1) 17.3		pH 11.5 Water Solubility SOL %
	Appearance & Odor YELLOW LIQUID, CHLORINE ODOR.				
	Boiling Point 212 °F		Melting Point °F		Flammability Limits in Air By Volume: Upper N/E Lower N/E
	Flash Point °F		Auto Ignition °F		Oxidizing Properties
	Specific Gravity 1.21			Volatile by Volume 86 %	
	Evaporation Rate(n-Butyl Acetate=1)				
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive				
	Reactivity and Hazardous Polymerization NONE KNOWN.				
	Possible Hazardous Reactions				
	Conditions to Avoid				
	Materials To Avoid ACIDS, OXIDIZING AGENTS.				
	Hazardous Decomposition Products INCOMPLETE COMBUSTION FORMS; HYDROGEN CHLORIDE, CHLORINE AND CHLORINATED COMPOUNDS.				
XI Toxicological Information	TOXICOLOGICAL TESTING HAS NOT BEEN PERFORMED.				
XII Ecological Information	Possible Effects and Environmental Fate NO DATA AVAILABLE.				
	Degradability				
	Aquatic Toxicity				
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.				
	Disposal of Contaminated Material INCOMPLETE COMBUSTION FORMS; HYDROGEN CHLORIDE, CHLORINE AND CHLORINATED COMPOUNDS.				
XIV Transport Information	R.Q., HYPOCHLORITE SOLUTIONS, (WITH MORE THAN 5 PERCENT BUT LESS THAN 16 PERCENT AVAILABLE CHLORINE), 8, UN1791, PG III, ERG NO. 60, NAERG NO. 154				
XV-Regulatory Information					
XVI-Other Information					
S.A.R.A. Title III Section 313	NONE				
State Right to Know Information	SODIUM HYPOCHLORITE - CAS #7681-52-9 WATER - 7732-18-5 SODIUM HYDROXIDE - CAS #1310-73-2				