

I Chemical Product and Company Identification	Product Name COMMAND		Emergency (800)831-9889		
	Product Code 08326470 UPC-A SCC		Medical(Collect) (303)592-1024		
	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300 Date 02/17/1994		
Chemical Family LIQUID CHLORINATED CLEANER					
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient SODIUM HYDROXIDE (1310-73-2) SODIUM HYPOCHLORITE (7681-52-9)		% 5 2	Exposure Limits TLV 2; PEL 2 (CEILING) TLV; NE, PEL; NE	Units MG/M3 MG/M3
III Hazards Identification	Signs and Symptoms of Exposure	A C U T E C H R O N I C CAUSES BURNS TO EYES AND SKIN. INHALATION OF MISTS OR DUSTS IRRITATES OR CAUSES BURNS TO RESPIRATORY SYSTEM AND LUNG TISSUE. HARMFUL OR FATAL IF SWALLOWED.			
		NO KNOWN HAZARDS			
	HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection D				
	Conditions Aggravated SENSITIVE SKIN; DUST OR MIST MAY AGGRAVATE RESPIRATORY DISEASE.				
	Carcinogen Info NONE NTP IARC OSHA				
	Target Organs or System				
IV First Aid Measures	Routes of Exposure: Inhalation ☒ Skin ☒ Ingestion ☒				
	Inhalation	REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.			
	Eyes	IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF EYES ARE INJURED OR IRRITATION PERSISTS.			
	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 ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.			
V Fire Fighting Measures	Fire Control Measures/ Equipment WEAR FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS (SCBA) IN FIRE AREA.				
	Flammable Property Info				
	Explosion Info LIQUID CORROSIVE MATERIAL				
	Extinguishing Media WATER SPRAY, CO2, DRY CHEMICAL				
	Gases				

VI Accidental Measures	Spill and Leak Clean UP Procedures	CONTAIN SPILL. ABSORB SMALL AMOUNTS ON SAND OR CLAY. PLACE IN COMPATIBLE CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE MINERAL ACIDS OR SODIUM BICARBONATE. CERCLA PRODUCT R.Q.: COMMAND - 5,000 LBS. OR 537 GALLONS.										
	Environmental Precaution:											
VII Handling and Storage	Ventilation Required?	TLV LEV										
	Safe Storage, Handling and Use Instructions	KEEP OUT OF REACH OF CHILDREN. EXPOSURE TO REDUCING SUGARS CAUSES CARBON MONOXIDE RELEASE. KEEP AWAY FROM ACIDS. WHEN DILUTING, ADD SLOWLY, STIRRING GENTLY.										
	Incompatible Materials											
VIII Exposure Controls/ Personal Protection	Protective Gloves	RUBBER/CHEMICAL RESISTANT.										
	Eye Protection	CHEMICAL GOGGLES, SIDE SHIELDED SAFETY GLASSES, OR FACE SHIELD.										
	Respiratory Protection	WEAR APPROVED CARTRIDGE RESPIRATOR TO MAINTAIN PEL/TLV IN MIST, SPRAY, OR DUSTY CONDITIONS.										
	Other Protective Clothing Equipment	WEAR APRON, PROTECTIVE CLOTHING AND FOOTWEAR. LAUNDRER CLOTHES BEFORE REUSE. SAFETY SHOWER/EYE WASH.										
IX Physical and Chemical Properties	Characteristics of Hazardous Chemical											
	Vapor Pressure	22.6	MmHg@	20	°C	Vapor Density(Air=1)	NONE	pH		Water Solubility	100	%
	Appearance & Odor	CLEAR LIGHT YELLOW LIQUID WITH A SLIGHT 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	1.120					Volatile by Volume	83				%
	Evaporation Rate(n-Butyl Acetate=1)	1.										
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive	NONE										
	Reactivity and Hazardous Polymerization	NONE KNOWN										
	Possible Hazardous Reactions											
	Conditions to Avoid											
	Materials To Avoid	FLAMMABLE LIQUIDS, ACIDS, ORGANIC HALOGENS, ALUMINUM, AND SOFT METALS.										
	Hazardous Decomposition Products	OXIDES OF CARBON, HYDROGEN UPON CONTACT WITH ALUMINUM AND OTHER SOFT METALS.										
XI Toxicological Information												
XII Ecological Information	Possible Effects and Environmental Fate											
	Degradability											
	Aquatic Toxicity											
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling	TRIPLE RINSE EMPTY CONTAINER, ADD RINSATE TO OPERATION. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, OR FEDERAL REGULATIONS. REMOVE OR DEFACE LABEL BEFORE SELLING, RECYCLING, OR DISPOSAL OF CONTAINER. DISPOSE OF USING LICENSED FACILITIES.										
	Disposal of Contaminated Material	OXIDES OF CARBON, HYDROGEN UPON CONTACT WITH ALUMINUM AND OTHER SOFT METALS.										
XIV Transport Information	CONTACT DISTR. DEPT. FOR DESCRIPTION											
XV -Regulatory Information												
XVI -Other Information												
S.A.R.A. Title III Section 313	SODIUM HYDROXIDE HAS NOT BEEN SARA 313 REPORTABLE SINCE 1989. ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.											
State Right to Know Information	SODIUM HYDROXIDE - CAS #1310-73-2 LAURYL DIMETHYLAMINE OXIDE - CAS #1643-20-5 SODIUM HYPOCHLORITE - CAS #7681-52-9 WATER - CAS #7732-18-5 SODIUM POLYACRYLATE - CAS #9003-01-4											