

I Chemical Product and Company Identification	Product Name LIQUID CAUSTIC 50%		Emergency (800)831-9889					
	Product Code 08242330	UPC-A	SCC	Medical(Collect) (303)592-1024				
	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300					
			Date 04/06/1994					
Chemical Family LIQUID CAUSTIC								
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient	%	Exposure Limits	Units				
	SODIUM HYDROXIDE (1310-73-2)	50	TLV 2, PEL 2 (CEILING)	MG/M3				
III Hazards Identification	Signs and Symptoms of Exposure	CAUSES BURNS TO EYES AND SKIN. INHALATION OF MISTS OR DUSTS IRRITATES OR CAUSES BURNS TO RESPIRATORY SYSTEM AND LUNG TISSUE. HARMFUL IF SWALLOWED.						
		SAME AS ACUTE						
	HMIS: Health	3	Flammability	0	Reactivity	1	Personal Protection	D
	Conditions Aggravated	SENSITIVE SKIN; DUST OR MIST MAY AGGRAVATE RESPIRATORY DISEASE.						
	Carcinogen Info	NONE	NTP	IARC	OSHA			
	Target Organs or System							
Routes of Exposure:	Inhalation <input checked="" type="checkbox"/>	Skin <input checked="" type="checkbox"/>	Ingestion <input checked="" type="checkbox"/>					
IV First Aid Measures	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.: 2,000 LBS. OR 158 GALLONS.								
	Environmental Precaution:									
VII Handling and Storage	Ventilation Required?	TLV LEV	Instructions	MAINTAIN PEL/TLV						
	Safe Storage, Handling and Use Instructions	STORE IN A COOL, DRY PLACE. KEEP CONTAINER CLOSED WHEN MOVING OR NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. KEEP AWAY FROM ACIDS. WHEN DILUTING, ADD AND STIR SLOWLY TO PREVENT SPATTERING.								
	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 o of Hazardous Chemical									
	Vapor Pressure	12.5	MmHg@	20 °C	Vapor Density(Air=1)	N/A	pH	Water Solubility	100	%
	Appearance & Odor					COLORLESS VISCOUS LIQUID WITH NO ODOR.				
	Boiling Point	293	°F	Melting Point	°F	Flammability Limits in Air By Volume: Upper		NONE	Lower	NONE
	Flash Point	NA/	°F	Auto Ignition	N/A	°F	Oxidizing Properties			
	Specific Gravity	1.52				Volatile by Volume		50	%	
	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 To Avoid	ACIDS, FLAMMABLE LIQUIDS, ORGANIC HALOGENS, OR SOFT METALS.								
	Hazardous Decomposition Products	NONE								
XI Toxicological Information										
XII Ecological Information	Possible Effects and Environmental Fate									
	Degradability									
	Aquatic Toxicity									
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling	DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, OR FEDERAL REGULATIONS. TRIPLE RINSE CONTAINER, ADD RINSATE TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING, RECYCLING, OR DISPOSAL OF CONTAINER.								
	Disposal of Contaminated Material	NONE								
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.									
State Right to Know Information	SODIUM HYDROXIDE - CAS #1310-73-2 WATER - CAS #7732-18-5									