

I Chemical Product and Company Identification	Product Name LIQUID CAUSTIC 50%		Emergency (800)831-9889		
	Product Code 08242150 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 SODIUM HYDROXIDE (1310-73-2)		% 50	Exposure Limits TLV 2, PEL 2 (CEILING)	Units 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 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 ☒ Skin ☒ Ingestion ☒				
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 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													