

I Chemical Product and Company Identification	Product Name LIQUID DIPAK		Emergency (800)831-9889		
	Product Code 08710470	UPC-A SCC	Medical(Collect) (303)592-1024		
	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300 Date 06/13/1996		
Chemical Family LIQUID ALKALINE CLEANER					
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient		%	Exposure Limits	Units
	SODIUM HYDROXIDE (1310-73-2)		35	TLV 2, PEL 2 (CEILING)	MG/M3
	SODIUM GLUCONATE (527-07-01)		3	NA	
	TRIETHANOLAMINE (000102-71-6)		2	NA	
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.			
		NO KNOWN HAZARDS			
	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				
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	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.: 2,857 LBS. OR 244 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 AVOID SPATTERING. STORE ABOVE 40 F. 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 <table border="1"> <tr> <td>Vapor Pressure</td> <td>12</td> <td>MmHg@</td> <td>20</td> <td>°C</td> <td>Vapor Density(Air=1)</td> <td>N/A</td> <td>pH</td> <td>Water Solubility</td> <td>100</td> <td>%</td> </tr> </table> Appearance & Odor LIGHT YELLOW VISCOUS LIQUID WITH A MILD ODOR. <table border="1"> <tr> <td>Boiling Point</td> <td>246</td> <td>°F</td> <td>Melting Point</td> <td></td> <td>°F</td> <td>Flammability Limits in Air By Volume: Upper</td> <td>NONE</td> <td>Lower</td> <td>NONE</td> </tr> <tr> <td>Flash Point</td> <td>N/A</td> <td>°F</td> <td>Auto Ignition</td> <td>N/A</td> <td>°F</td> <td colspan="4">Oxidizing Properties</td> </tr> </table> Specific Gravity 1.38 Volatile by Volume 60 % Evaporation Rate(n-Butyl Acetate=1) >1					Vapor Pressure	12	MmHg@	20	°C	Vapor Density(Air=1)	N/A	pH	Water Solubility	100	%	Boiling Point	246	°F	Melting Point		°F	Flammability Limits in Air By Volume: Upper	NONE	Lower	NONE	Flash Point	N/A	°F	Auto Ignition	N/A	°F	Oxidizing Properties			
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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 OXIDES OF CARBON AND HYDROGEN UPON CONTACT WITH ALUMINUM.																																			
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 OPERATIONS. REMOVE OR DEFACE LABEL BEFORE SELLING, RECYCLING, OR DISPOSAL OF CONTAINER. Disposal of Contaminated Material OXIDES OF CARBON AND HYDROGEN UPON CONTACT WITH ALUMINUM.																																			
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 SODIUM AMINOTRIMETHYLENE PHOSPHATE - CAS #2235-43-0 WATER - CAS #7732-18-5 SODIUM GLUCONATE (527-07-01) TRIETHANOLAMINE (000102-71-6)																																			