



MATERIAL SAFETY DATA SHEET

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I Chemical Product and Company Identification	Product Name SUMA LIQUA-SOAK PRESOAK						Emergency (800)831-9889		
	Product Code 90023 UPC-A 770128900239 SCC 10770128900236						Medical(Collect) (303)592-1024		
	Manufacturer JOHNSON DIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046						Chemtree (800)424-9300 Date 05/31/2000		
	Chemical Family KITCHENWARE PRESOAK								
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient POTASSIUM HYDROXIDE 1310-58-3 SODIUM HYPOCHLORITE 7681-52-9 SODIUM SILICATE 1344-09-8					% 22 <5 22	Exposure Limits 2MG/M3 NOT ESTABLISHED NOT ESTABLISHED		Units
III Hazards Identification	Signs and Symptoms of Exposure	ACUTE CHRONIC	CORROSIVE TO SKIN AND EYES, MISTS ARE CORROSIVE TO SKIN EYES AND RESPIRATORY TRACT.						
			SAME AS ACUTE EFFECTS.						
	HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection D								
	Conditions Aggravated SENSITIVE SKIN.								
	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 AND SEEK MEDICAL ATTENTION.							
	Eyes	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.							
	Skin	FLUSH SKIN WITH PLENTY OF WATER. REMOVE AND LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. GET MEDICAL ATTENTION FOR IRRITATION OR INJURY.							
	Ingestion	DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NOTE: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.							
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	NONE KNOWN.							
	Extinguishing Media	USE MEDIA SUITABLE FOR SURROUNDING MATERIALS.							
	Gases								

VI Accidental Measures	Spill and Leak Clean UP Procedures	FLUSH SMALL AMOUNTS TO DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. THIS PRODUCT DOES NOT CONTAIN A REPORTABLE QUANTITY (RQ) UNDER CERCLA.										
	Environmental Precaution:											
VII Handling and Storage	Ventilation Required?	NONE Instructions NOT USUALLY REQUIRED.										
	Safe Storage, Handling and Use Instructions	STORE AT AMBIENT ROOM TEMPERATURE. AVOID CONTACT WITH HEAT OR MOISTURE.										
	Incompatible Materials	STRONG ACIDS, AMINES.										
VIII Exposure Controls/ Personal Protection	Protective Gloves	IMPERMEABLE.										
	Eye Protection	FACE SHIELD OR GOGGLES.										
	Respiratory Protection	NOT NORMALLY REQUIRED.										
	Other Protective Clothing Equipment	WEAR CHEMICAL APRON WHEN NECESSARY.										
IX Physical and Chemical Properties	Characteristics of Hazardous Chemical											
	Vapor Pressure	N/A	MmHg@	NA	°C	Vapor Density(Air=1)	N/A	pH	13-14	Water Solubility	100	%
	Appearance & Odor						YELLOW CLEAR LIQUID; CHLORINE ODOR.					
	Boiling Point	212	°F	Melting Point	°F	Flammability Limits in Air By Volume: Upper			Lower			
	Flash Point	°F	Auto Ignition	°F	Oxidizing Properties							
	Specific Gravity	1.200			Volatile by Volume			N/A			%	
	Evaporation Rate(n-Butyl Acetate=1)											
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive	STABLE										
	Reactivity and Hazardous Polymerization	NONE KNOWN.										
	Possible Hazardous Reactions											
	Conditions to Avoid											
	Materials To Avoid	STRONG ACIDS, AMINES.										
	Hazardous Decomposition Products	CHLORINE.										
XI Toxicological Information	NO DATA AVAILABLE.											
XII Ecological Information	Possible Effects and Environmental Fate	NO DATA AVAILABLE.										
	Degradability											
	Aquatic Toxicity											
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling	USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER, TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. DISPOSE IN A MANNER CONSISTENT WITH LOCAL, STATE, AND FEDERAL REGULATIONS.										
	Disposal of Contaminated Material	CHLORINE.										
XIV Transport Information	HYPOCHLORITE SOLUTIONS, (WITH MORE THAN 5 PERCENT BUT LESS THAN 16 PERCENT AVAILABLE CHLORINE), 8, UN1791, PG III, (ERG NO. 60, NAERG#154											
XV-Regulatory Information												
XVI-Other Information												
S.A.R.A. Title III Section 313	NONE											
State Right to Know Information	WATER - CAS #7732-18-5 SODIUM SILICATE - CAS #1344-09-8 POTASSIUM HYDROXIDE - CAS #1310-58-3 SODIUM HYPOCHLORITE - CAS #7681-52-9 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4											