



MATERIAL SAFETY DATA SHEET

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I	Chemical Product and Company Identification																	
Product Name SUPER IMPEDE							Emergency (800)831-9889											
Product Code 08497470 UPC-A 774205551475 SCC							Medical(Collect) (303)592-1024											
Manufacturer JOHNSON DIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046							Chemtree (800)424-9300											
							Date 10/26/1995											
Chemical Family CHLORINATED LAUNDRY CONCENTRATE																		
II	Composition/ Information on Ingredients						Chemical Name of Hazardous Ingredient		%	Exposure Limits			Units					
							SODIUM HYPOCHLORITE (7681-52-9)		10	NOT ESTABLISHED								
							SODIUM HYDROXIDE (1310-73-2)		<1	TLV 2; PEL 2								
III	Hazards Identification																	
Signs and Symptoms of Exposure							A C U T E C H R O N I C	CORROSIVE TO SKIN AND EYES. MISTS ARE SEVERE RESPIRATORY IRRITANTS. HARMFUL IF SWALLOWED, CAUSES BURNS TO MOUTH AND GASTRIC IRRITATION.										
							SAME AS ACUTE											
HMIS:							Health	3	Flammability	0	Reactivity	0	Personal Protection	D				
Conditions Aggravated							DERMATITIS OR SENSITIVE SKIN; MAY AGGRAVATE RESPIRATORY DISEASE OR CONDITIONS.											
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							FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY.											
Skin							FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION.											
Ingestion							GIVE 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							KEEP COOL. WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA.											
Flammable Property Info																		
Explosion Info							HIGH TEMPERATURE WILL RELEASE CL2.											
Extinguishing Media							CO2, DRY CHEMICALS, WATER											
Gases																		

VI Accidental Measures	Spill and Leak Clean Up Procedures	FLUSH SMALL AMOUNTS TO DRAIN AFTER NEUTRALIZATION WITH SODIUM BISULFATE OR THIOSULFATE. COLLECT AND RETURN LARGE AMOUNTS TO AN APPROPRIATE CONTAINER. TREAT AS SOLID HAZARDOUS WASTE. LEAKS SHOULD BE STOPPED AND SPILLS CONTAINED. NEUTRALIZE RESIDUE WITH SODIUM THIOSULFATE FOR CHLORINE AND DILUTE MINERAL ACIDS FOR ALKALINITY.										
	Environmental Precaution:											
VII Handling and Storage	Ventilation Required?	NO	Instructions	PRODUCING NORMAL AIR DILUTION								
	Safe Storage, Handling and Use Instructions	KEEP CONTAINER CLOSED. KEEP FROM FREEZING. KEEP AWAY FROM ACIDS. IF FROZEN, THAW AND MIX TO MAKE USABLE. DO NOT PRESSURE CONTAINER TO EMPTY. STORE IN A COOL AREA AWAY FROM HEAT SOURCES. KEEP AWAY FROM ACIDS.										
	Incompatible Materials											
VIII Exposure Controls/Personal Protection	Protective Gloves	ALKALI RESISTANT, RUBBER, OR PVC										
	Eye Protection	FACE SHIELD, SIDE SHIELD SAFETY GLASSES.										
	Respiratory Protection	NIOSH ALKALINE CARTRIDGE WITH CHARCOAL FILTER IF EXPOSURE LIMITS EXCEEDED.										
	Other Protective Clothing Equipment	CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR; SAFETY SHOWER/EYE WASH IN USE AREA.										
IX Physical and Chemical Properties	Characteristics of Hazardous Chemical											
	Vapor Pressure	20.4	MmHg@	20	°C	Vapor Density(Air=1)	N/A	pH	11.5	Water Solubility	100	%
	Appearance & Odor	CLEAR LIGHT YELLOW LIQUID; 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	1.200					Volatile by Volume	85	%			
	Evaporation Rate(n-Butyl Acetate=1)	>1										
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive	NONE										
	Reactivity and Hazardous Polymerization	NONE										
	Possible Hazardous Reactions											
	Conditions to Avoid											
	Materials To Avoid	CONCENTRATED MINERAL ACIDS, HEAT, SOFT METALS OR NITROGEN CONTAINING CHEMICALS LIKE AMMONIA RELEASE CHLORINE.										
	Hazardous Decomposition Products	HIGH TEMPERATURE WILL RELEASE CL2 GAS WHICH IS IRRITATING OR TOXIC.										
XI Toxicological Information												
XII Ecological Information	Possible Effects and Environmental Fate											
	Degradability											
	Aquatic Toxicity											
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling	USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. PH ADJUSTMENT; NO PHOSPHATES. DISPOSE OF IN ACCORDANCE WITH FEDERAL, LOCAL AND STATE REGULATION DO NOT DISCHARGE TO LAKES OR STREAMS AS SOLUTIONS MAY BE TOXIC TO AQUATIC LIFE. CERCLA PRODUCT RQ = SODIUM HYPOCHLORITE 66 GALLONS										
	Disposal of Contaminated Material	HIGH TEMPERATURE WILL RELEASE CL2 GAS WHICH IS IRRITATING OR TOXIC.										
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	ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.											
State Right to Know Information	SODIUM HYDROXIDE - CAS #1310-73-2 SODIUM HYPOCHLORITE - CAS #7681-52-9 WATER - CAS #7732-18-5											