



MATERIAL SAFETY DATA SHEET

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I									
Chemical Product and Company Identification	Product Name HALOX				Emergency	(800)831-9889			
	Product Code 08527100 UPC-A 774205552700 SCC				Medical(Collect)	(303)592-1024			
	Manufacturer JOHNSON DIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046				Chemtree	(800)424-9300			
	Date 12/15/1998								
	Chemical Family POWDERED CHLORINATED LAUNDRY BLEACH								
II									
Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient DICHLORO DIMETHYL HYDANTOIN (118-52-5) SODIUM SULFATE CAS#7757-80-6			% 	Exposure Limits TLV 0.2; PEL 0.2 NOT ESTABLISHED	Units MG/M3			
				<30 >30					
III									
Hazards Identification	A C U T E S I G N S AND SYMPTOMS OF EXPOSURE:	CAUSES MODERATE TO SEVERE EYE IRRITATION. PROLONGED CONTACT MAY CAUSE IRRITATION AND DRYING OF SKIN. MAY BE HARMFUL IF SWALLOWED. MISTS MAY IRRITATE NOSE, THROAT, AND PULMONARY MEMBRANES.							
		SAME AS ACUTE							
	HMSID:	Health	2	Flammability	0	Reactivity	2	Personal Protection	C
	Conditions Aggravated		SENSITIVE SKIN; DUST OR SPRAY 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	IF INHALED, REMOVE TO FRESH AIR.							
	Eyes	IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.							
	Skin	FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. IF SKIN IRRITATION PERSISTS, 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	WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SELF-CONTAINED BREATHING APPARATUS.							
	Flammable Property Info								
	Explosion Info	EXTREMELY HIGH TEMPERATURES COULD BREAK DOWN ORGANIC CHLORINE RELEASING AGENT.							
	Extinguishing Media	FOAM, WATER							
	Gases								

VI Accidental Measures	Spill and Leak Clean UP Procedures	FLUSH SMALL AMOUNTS TO SANITARY DRAIN; COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. RINSE AREA WITH WATER. CERCLA PRODUCT RQ = NO REPORTABLE QUANTITY.																										
	Environmental Precaution:																											
VII Handling and Storage	Ventilation Required? NO	Instructions PROVIDE ADEQUATE VENTILATION																										
	Safe Storage, Handling and Use Instructions	STORE IN COOL, DRY PLACE. KEEP COVER ON CONTAINER. KEEP AWAY FROM ACIDS. DO NOT STORE WITH FOOD. KEEP OUT OF THE REACH OF CHILDREN.																										
	Incompatible Materials																											
VIII Exposure Controls/ Personal Protection	Protective Gloves	RUBBER, PVC, OR CHEMICAL RESISTANT																										
	Eye Protection	SAFETY GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS																										
	Respiratory Protection	USUALLY NOT REQUIRED. MONITOR AREA IF SYMPTOMS OF OVEREXPOSURE ARE EVIDENT.																										
	Other Protective Clothing Equipment	CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR. SAFETY SHOWER AND EYE WASH.																										
IX Physical and Chemical Properties	Characteristics of Hazardous Chemical																											
	Vapor Pressure	N/A	MmHg@	°C	Vapor Density(Air=1)	N/A	pH	Water Solubility	20	%																		
	Appearance & Odor WHITE POWDER; STRONG CHLORINE ODOR																											
	Boiling Point	N/A	°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 65#F3					Volatile by Volume 0 %																						
	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 RELEASE CHLORINE. DO NOT MIX WITH ACIDS, AMMONIA, OIL, AND LIQUID ORGANIC MATERIALS.																										
	Hazardous Decomposition Products	CHLORINE AND CHLORINATED ORGANIC VAPORS (METHYL CHLORIDE, PHOSGENE)																										
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 CONTAINER WITH WATER, ADD TO OPERATION. REMOVE AND DEFACE LABEL BEFORE SELLING OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. MAY REQUIRED PH ADJUSTMENT. CONTAINS PHOSPHORUS. SOLUTIONS MAY BE TOXIC TO FISH OR AQUATIC LIFE.																										
	Disposal of Contaminated Material	CHLORINE AND CHLORINATED ORGANIC VAPORS (METHYL CHLORIDE, PHOSGENE)																										
XIV Transport Information	OXIDIZING SUBSTANCES, SOLID, CORROSIVE, N.O.S., (DICHLORO DIMETHYL HYDANTOIN), 5.1, (8), UN3085, PG II, ERG NO. 60, NAERG NO. 141																											
XV -Regulatory Information																												
XVI -Other Information																												
S.A.R.A. Title III Section 313	NONE ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.																											
State Right to Know Information	SODIUM DICHLORODIMETHYLHYDANTOIN - CAS #118-52-5 SODIUM SULFATE - CAS #7757-82-6 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4 PARAFFINIC HYDROCARBONS - CAS #64742-65-0																											