



MATERIAL SAFETY DATA SHEET

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I Chemical Product and Company Identification	Product Name KLERA-CID		Emergency (800)831-9889	
	Product Code 08537240 UPC-A 774205552656 SCC		Medical(Collect) (303)592-1024	
	Manufacturer JOHNSON DIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300 Date 08/15/1995	
	Chemical Family IRON CONTROLLING LAUNDRY SOUR			
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient	%	Exposure Limits	Units
	SODIUM SILICOFLUORIDE (16893-85-9)	55	TLV 2.5; PEL 2.5 (FLUORIDES)	MG/M3
	SODIUM BIFLUORIDE (1333-83-1)	50	TLV 2.5; PEL 2.5 FLOURIDES	MG/M3
	ALIPHATIC HYDROCARBONS (64742-47-8)	<1	TLV 5 (OILMIST); PEL; NE	
III Hazards Identification	Signs and Symptoms of Exposure	CAUSES BURNS TO EYES. MAY CAUSE SEVERE IRRITATION OF SKIN. MAY BE FATAL IF SWALLOWED. MAY CAUSE SEVERE IRRITATIONS OF NOSE AND THROAT AND POSSIBLE PULMONARY EDEMA OF LUNG TISSUE, ALONG WITH CENTRAL NERVOUS SYSTEM EFFECTS. PROLONGED EXPOSURE TO LOW OR TOXIC DOSES CAN CAUSE CHRONIC DECALCIFICATION OF BONES AND/OR DISCOLORING OF TEETH.		
	HMIS: Health 3 Flammability 0 Reactivity 0 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. GET MEDICAL ATTENTION.		
	Eyes	IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.		
	Skin	PROMPTLY FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION FOR ANY INJURED SKIN.		
	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	CORROSIVE OR STRONGLY ACIDIC LIQUID WHEN MIXED WITH WATER.		
	Extinguishing Media	WATER, FOAM, CO2, DRY CHEMICALS		
	Gases			

VI Accidental Measures	Spill and Leak Clean Up Procedures	LIQUIDS SHOULD BE VACUUMED UP OR ABSORBED WITH CLAY OR SAND. PLACE WASTE IN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE ALKALI SUCH AS SODIUM HYDROXIDE OR SODIUM CARBONATE. WASH SPILL AREA THOROUGHLY 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 DRY PLACE. KEEP CONTAINER CLOSED. KEEP FROM CHLORINATED CLEANERS AND BLEACHES. DO NOT STORE WITH FOOD.										
	Incompatible Materials											
VIII Exposure Controls/ Personal Protection	Protective Gloves	RUBBER, PVC, OR ACID RESISTANT										
	Eye Protection	PLASTIC SIDE SHIELD SAFETY GLASSES OR GOGGLES										
	Respiratory Protection	WEAR NIOSH ACID CARTRIDGE RESPIRATOR WITH ADDED CHARCOAL FILTER IF EXPOSURE LIMITS ARE EXCEEDED.										
	Other Protective Clothing Equipment	SAFETY SHOWER AND EYE WASH. CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR TO PREVENT SKIN CONTACT.										
IX Physical and Chemical Properties	Characteristics of Hazardous Chemical											
	Vapor Pressure	N/A	MmHg@	°C	Vapor Density(Air=1)	N/A	pH	Water Solubility	65	%		
	Appearance & Odor	WHITE, FREE FLOWING POWDER; NO 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	68#F3				Volatile by Volume					N/A	%
	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	DO NOT MIX WITH ALKALINE MATERIALS, SOFT METALS, OR CHLORINATED CLEANERS, ALSO ETCHES GLASS.										
	Hazardous Decomposition Products	MAY FORM TOXIC OR IRRITATING FUMES OF FLUORIDES										
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 CONTAINER LABEL BEFORE SELLING OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. ADJUST PH; BEFORE DISPOSAL. CONTAINS NO PHOSPHORUS. SOLUTIONS MAY BE TOXIC TO FISH OR AQUATIC LIFE.										
	Disposal of Contaminated Material	MAY FORM TOXIC OR IRRITATING FUMES OF FLUORIDES										
XIV Transport Information	CORROSIVE SOLID, TOXIC, N.O.S., (SODIUM HYDROGENDIFLUORIDE, SODIUM SILICOFLUORIDE), 8, (6.1), UN2923 PG II, ERG#59, NAERG#154											
XV-Regulatory Information												
XVI-Other Information												
S.A.R.A. Title III Section 313	NONE											
State Right to Know Information	SODIUM SILICOFLUORIDE - CAS #16893-85-9 SODIUM BIFLUORIDE - CAS #1333-83-1 ALIPHATIC HYDROCARBONS - CAS #64742-47-8											