



MATERIAL SAFETY DATA SHEET

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I							
Chemical Product and Company Identification	Product Name DIVERCID 6F			Emergency (800)831-9889			
	Product Code 00223100 UPC-A 774205550874 SCC			Medical(Collect) (303)592-1024			
	Manufacturer JOHNSON DIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046			Chemtree (800)424-9300			
				Date 04/30/2003			
Chemical Family LAUNDRY SOUR							
II							
Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient AMMONIUM HYDROGEN FLUORIDE (1341-49-7)			% 15	Exposure Limits PEL 2.5; TLV 2.5	Units PPM	
III							
Hazards Identification	SIGNS AND SYMPTOMS OF EXPOSURE:	A C U T E	STRONGLY IRRITATING OR CORROSIVE TO SKIN, EYES, AND RESPIRATORY TRACT. MAY BE FATAL IF SWALLOWED. BURNS MAY NOT BE IMMEDIATELY APPARENT. FLUORIDE POISONING CAN RESULT FROM LARGE DOES; WHICH MAY AFFECT CENTRAL NERVOUS SYSTEM AND KIDNEYS.				
		C H R O N I C	DECALCIFICATION OF BONES AND/OR MOTTILING OF TEETH AFTER PROLONGED EXPOSURE.				
	HMS:	Health	3	Flammability	0	Reactivity 0	Personal Protection D
	Conditions Aggravated SENSITIVE EYES, SKIN, IMPAIRED PULMONARY FUNCTION.						
	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.					
	Skin	FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. WASH AROUND & UNDER FINGERNAILS & EXPOSED SKIN WITH SOAP & WATER.					
	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	ACIDIC SOLUTION - ATTACKS REACTIVE METALS. WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA.					
	Flammable Property Info						
	Explosion Info	HEAT OR FIRE MAY RELEASE VAPORS OF HYDROFLUORIC ACID.					
	Extinguishing Media	WATER, FOAM, CO2, DRY CHEMICALS					
	Gases						

VI Accidental Measures	Spill and Leak Clean UP Procedures FLUSH SMALL AMOUNTS TO DRAIN AFTER NEUTRALIZATION WITH DILUTE ALKALI. IMPOUND LARGE AMOUNTS AS HAZARDOUS WASTE. CERCLA RQ = 666 LBS. OR 77 GAL.				
	Environmental Precaution:				
VII Handling and Storage	Ventilation Required? WORK SITE Instructions YES				
	Safe Storage, Handling and Use Instructions KEEP CONTAINER CLOSED. IF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP AWAY FROM CHLORINATED CLEANERS AND BLEACHES. SOLUTIONS OF PRODUCT WILL ETCH GLASS. DO NOT STORE OR CONTAMINATE FOOD.				
	Incompatible Materials				
VIII Exposure Controls/ Personal Protection	Protective Gloves NEOPRENE, ACID RESISTANT				
	Eye Protection SAFETY GLASSES, FACE SHIELD				
	Respiratory Protection NONE USUALLY REQUIRED				
	Other Protective Clothing Equipment CHEMICALLY IMPERVIOUS CLOTHING; SAFETY SHOWER/EYE WASH				
IX Physical and Chemical Properties	Characteristics of Hazardous Chemical				
	Vapor Pressure 17.5 MmHg@ 20 °C		Vapor Density(Air=1) N/A		pH 4.5 Water Solubility 100 %
	Appearance & Odor CLEAR COLORLESS LIQUID				
	Boiling Point 214 °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 1.045			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 STRONG ALKALIS; MILD METALS, CHLORINATED PRODUCTS.				
	Hazardous Decomposition Products ABOVE 200 DEGREES F MAY RELEASE TOXIC VAPORS OF HYDROFLUORIC ACID.				
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 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER, ADD TO OPERATION REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL CONSULT LOCAL OR STATE REGULATIONS REGARDING HAZARDOUS WASTE DISPOSAL.				
	Disposal of Contaminated Material ABOVE 200 DEGREES F MAY RELEASE TOXIC VAPORS OF HYDROFLUORIC ACID.				
XIV Transport Information	AMMONIUM HYDROGEN DIFLUORIDE, SOLUTION, 8, (6.1), UN2817, PG II, ERG#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	AMMONIUM HYDROGEN FLUORIDE - CAS #1341-49-7 WATER - CAS #7732-18-5				