

MATERIAL SAFETY DATA SHEET

DIVERCID 6F Product Name Emergency (800)831-9889 I (303)592-1024 00223040 UPC-A 774205550850 SCC Medical(Collect) Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 04/30/2003 Date Indentification **CINCINNATI, OH 45241-2046** Chemical Family LAUNDRY SOUR Units Chemical Name of Hazardous Ingredient **Exposure Limits** AMMONIUM HYDROGEN FLUORIDE 15 PEL 2.5; TLV 2.5 PPM (1341-49-7) Π Composition/ Information on Ingredients 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 Signs U and NERVOUS SYSTEM AND KIDNEYS. Symptoms DECALCIFICATION OF BONES AND/OR MOTTLING OF TEETH AFTER PROLONGED EXPOSURE. Exposure Ш O Haz ards Identific ation HMIS: Health 3 Flammability Reactivity 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 X Ingestion X X Inhalation REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. IV Eyes FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. First Aid Measures 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. Fire Control ACIDIC SOLUTION - ATTACKS REACTIVE METALS. WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT Measures/ AND SCBA. Equipment V Flammable Property Info Fire Fighting HEAT OR FIRE MAY RELEASE VAPORS OF HYDROFLUORIC ACID. **Explosion Info** Measures Extinguishing Media WATER, FOAM, CO2, DRY CHEMICALS Gases

Printed: 02/06/2004

VI Accidental Measures	Spill and Leak Clean UP Procedures CERCLA RQ = 666 LBS. OR 77 GAL.
	Environmental Precautions
	Ventilation Required? WORK SITE Instructions YES
VII Handling and Storage	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.
	Imcompatible Materials
	Protective Gloves NEOPRENE, ACID RESISTANT
VIII	Eye Protection SAFETY GLASSES, FACE SHIELD
Exposure Controls/ Personal Protection	Respiratory NONE USUALLY REQUIRED Protection
	Other Protective CHEMICALLY IMPERVIOUS CLOTHING; SAFETY SHOWER/EYE WASH Clothing Equipment
	Characteristics o of Hazardous Chemcial
IX	Vapor Pressure 17.5 MmHg@ 20 °C Vapor Density(Air=1 N/A pH 4.5 Water Solubility 100 %
Physical and Chemical Properties	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	Peroxide, Pyrophoric, Unstable or Water Reactive NONE
	Reactivity and Hazardous Polymerization NONE Possible Hazardous Reactions
	Conditions to Avoid
Stability and Reactivity	Materials To Avoid STRONG ALKALIS; MILD METALS, CHLORINATED PRODUCTS.
***	Hazardous ABOVE 200 DEGREES F MAY RELEASE TOXIC VAPORS OF Decomposition Products HYDROFLUORIC ACID.
XI Toxicological Information	
XII Ecological Information	Possible Effects and Environmental Fate
	Degradability
	Aquatic Toxicity Method of USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER
XIII Disposal Consideration	Disposal, Residues and Safe Handling 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 ABOVE 200 DEGREES F MAY RELEASE TOXIC VAPORS OF HYDROFLUORIC ACID.
XIV Transport Information	AMMONIUM HYDROGENDIFLUORIDE, SOLUTION, 8, (6.1), UN2817, PG II, ERG#60, NAERG #154
XV-Regulatory Information	
XVI-Other Information	ANA CHENICAN INCREDIENTE A DE MOTERE ON THE TICCA INVENTEDRA
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