



MATERIAL SAFETY DATA SHEET

Printed: 02/06/2004

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VI Accidental Measures	Spill and Leak Clean UP Procedures NEUTRALIZE SPILL WITH SODA ASH OR LIME. COLLECT MATERIAL WITH CLEAN SHOVEL AND PLACE IN PROPER CONTAINER FOR DISPOSAL AS HAZARDOUS WASTE. FLUSH SPILL AREA WITH WATER.				
	Environmental Precaution:				
VII Handling and Storage	Ventilation Required? NO Instructions NORMAL AIR DILUTION				
	Safe Storage, Handling and Use Instructions KEEP CONTAINER TIGHTLY CLOSED. STORE IN CORROSION PROOF AREA. DO NOT STORE NEAR OXIDIZING MATERIALS OR CHLORINATED CLEANERS OR BLEACHES. SOLUTIONS OFPRODUCT WILL ETCH GLASS. USE ONLY IN STAINLESS STEEL MACHINES.				
	Imcompatible Materials				
VIII Exposure Controls/ Personal Protection	Protective Gloves ACID RESISTANT, RUBBER OR PVC				
	Eye Protection CHEMICAL GOGGLES/FACE SHIELD OR SIDE SHIELDED SAFETY GLASSES				
	Respiratory Protection USUALLY NOT REQUIRED UNLESS EXPOSURE LIMITS ARE EXCEEDED, THEN NIOSH ACID RESPIRATOR.				
	Other Protective Clothing Equipment WEAR APRON WHEN HANDLING AND CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR; SAFETY SHOWER/EYE WASH IN USE AREA.				
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemical				
	Vapor Pressure 12.8 MmHg@ 20 °C		Vapor Density(Air=1) >1		pH
	Appearance & Odor		CLEAR COLORLESS LIQUID		
	Boiling Point 227 °F		Melting Point °F		Flammability Limits in Air By Volume: Upper N/A Lower N/A
	Flash Point NONE °F		Auto Ignition N/A °F		Oxidizing Properties
	Specific Gravity 1.80			Volatile by Volume 77 %	
	Evaporation Rate(n-Butyl Acetate=1) >1				
	X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive MODERATE			
Reactivity and Hazardous Polymerization NONE KNOWN					
Possible Hazardous Reactions					
Conditions to Avoid					
Materials To Avoid MOST COMMON METALS, STRONG BASES, AMINES, CARBONATES, METAL OXIDES.					
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 ADJUST PH BEFORE DISPOSAL OF SMALL AMOUNTS. USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER. EMPTY CONTAINER. TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING 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	CORROSIVE LIQUID,ACIDIC,INORGANIC, N.O.S.,(FLUOROSILICIC ACID),8,UN3264, PG II, ERG NO.60, NAERG NO. 154				
XV-Regulatory Information					
XVI-Other Information					
S.A.R.A. Title III Section 313	NONE				
State Right to Know Information	HYDROFLUOROSILICIC ACID - CAS #1309-45-1 WATER - CAS #7732-18-5 ETHOXYLATED ALCOHOL - CAS #68213-23-0 BLUE DYE - CAS #72139-17-4 RED DYE - PROPRIETARY				