

I Chemical Product and Company Identification	Product Name LINENBRITE LIQUID SOUR		Emergency (800)831-9889		
	Product Code 08606040 UPC-A SCC		Medical(Collect) (303)592-1024		
	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300		
			Date 03/08/1999		
Chemical Family LIQUID LAUNDRY SOUR					
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient HYDROFLUOROSILICIC ACID (1309-45-1)		% 23	Exposure Limits TLV 2.5; PEL 2.5 (AS F)	Units MG/M3
III Hazards Identification	Signs and Symptoms of Exposure	A C U T E C H R O N I C CORROSIVE TO EYES AND SKIN. MAY BE FATAL IF SWALLOWED. BURNS OR IRRITATION MAY NOT BE IMMEDIATELY APPARENT. FLUORIDE POISONING CAN RESULT FROM LARGE DOSES; MAY AFFECT CNS AND KIDNEYS.			
		DECALCIFICATION OF BONES AND MOTTLING OF TEETH.			
	HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection D				
	Conditions Aggravated DERMATITIS, RESPIRATORY CONDITIONS.				
	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	FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES, GET MEDICAL ATTENTION.			
	Skin	FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHES AND SHOES.			
	Ingestion	GIVE WATER - DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE FLUIDS BY MOUTH TO AN UNCONSCIOUS PERSON.			
V Fire Fighting Measures	Fire Control Measures/ Equipment 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, C02, DRY CHEMICAL, FOAM				
	Gases				

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 OF PRODUCT WILL ETCH GLASS. USE ONLY IN STAINLESS STEEL MACHINES.										
	Incompatible 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 of Hazardous Chemical											
	Vapor Pressure	12.8	MmHg@	20	°C	Vapor Density(Air=1)	>1	pH		Water Solubility	100%	%
	Appearance & Odor		CLEAR PURPLE LIQUID; PUNGENT ODOR									
	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											