

I Chemical Product and Company Identification	Product Name LAUNCH		Emergency (800)831-9889		
	Product Code 08607040 UPC-A 774205550997 SCC		Medical(Collect) (303)592-1024		
II Composition/ Information on Ingredients	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300		
	Chemical Family LIQUID LAUNDRY SOUR		Date 04/30/2003		
III Hazards Identification	Chemical Name of Hazardous Ingredient HYDROFLUOROSILICIC ACID (1309-45-1)		% <14	Exposure Limits TLV 2.5; PEL 2.5 (AS F)	Units MG/M3
	Signs and Symptoms of Exposure 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.		
IV First Aid Measures	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 <input type="checkbox"/> Skin <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/>				
	Inhalation IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.				
V Fire Fighting Measures	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 SIDE SHIELD 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 COLORLESS LIQUID
	Boiling Point 217 °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 1.10 Volatile by Volume 87 %
	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 LOCA 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 ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.
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 - CAS #PROPRIETARY