

MATERIAL SAFETY DATA SHEET

SUPER LAUNCH Product Name Emergency (800)831-9889 I 08605470 UPC-A 774205552533 SCC Medical(Collect) (303)592-1024 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** LIQUID LAUNDRY SOUR Chemical Family Chemical Name of Hazardous Ingredient **Exposure Limits** Units HYDROFLUOROSILICIC ACID 23 TLV 2.5; PEL 2.5 (AS F) MG/M3 (1309-45-1) Π Composition/ Information on Ingredients CORROSIVE TO EYES AND SKIN. MAY BE FATAL IF SWALLOWED. BURNS OR IRRITATION MAY NOT BE IMMEDIATELY APPARENT. FLUORIDE POISONING Signs U CAN RESULT FROM LARGE DOSES; MAY AFFECT CNS and AND KIDNEYS. Symptoms DECALCIFICATION OF BONES AND MOTTLING OF TEETH. Exposure Ш O Haz ards Identific ation HMIS: Health 3 Personal Protection Flammability 0 Reactivity D Conditions Aggravated DERMATITIS, RESPIRATORY CONDITIONS. Carcinogen Info NONE NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin X Ingestion П X Inhalation IF INHALED, 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 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. WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA. Fire Control Measures/ Equipment V Flammable Property Info Fire Fighting HEAT OR FIRE MAY RELEASE VAPORS OF HYDROFLUORIC ACID. **Explosion Info** Measures Extinguishing Media WATER, C02, DRY CHEMICAL, FOAM Gases

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VI Accidental Measures	Spill and Leak Clean UP Procedures Clean UP Clean UP Rocedures 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 Precautions
	Ventilation Required? NO Instructions NORMAL AIR DILUTION
VII Handling and Storage	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
	Protective Gloves ACID RESISTANT, RUBBER OR PVC
VIII	Eye Protection CHEMICAL GOGGLES/FACE SHIELD OR SIDE SHIELDED SAFETY GLASSES
Exposure Controls/ Personal Protection	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 Chemcial
	Vapor Pressure 12.8 MmHg@ 20 °C Vapor Density(Air=1 >1 pH Water Solubility 100% % 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	Peroxide, Pyrophoric, Unstable or Water Reactive MODERATE Reactivity and Hazardous Polymerization NONE KNOWN
	Possible Hazardous Reactions
	Conditions to Avoid
Stability and Reactivity	Materials MOST COMMON METALS, STRONG BASES, AMINES, CARBONATES, METAL OXIDES.
	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
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 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