



I Chemical Product and Company Identification	Product Name		LIQUID FACTOR I		Emergency	(800)831-9889	
	Product Code		09894470    UPC-A 774205552137    SCC		Medical(Collect)	(303)592-1024	
	Manufacturer		JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree	(800)424-9300	
	Date					02/04/2002	
	Chemical Family    LIQUID LAUNDRY DETERGENT						
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient		NONE		%	Exposure Limits	
III Hazards Identification	Signs and Symptoms of Exposure	CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED. INHALATION OF MIST MAY IRRITATE NOSE, THROAT, AND PULMONARY MEMBRANES. NO CHRONIC HAZARDS KNOWN.					
	HMIS:	Health	2	Flammability	0	Reactivity	0
		Personal Protection	B				
	Conditions Aggravated	SENSITIVE SKIN. MISTS MAY AGGRAVATE RESPIRATORY DISEASE.					
	Carcinogen Info	NONE		NTP	IARC	OSHA	
	Target Organs or System						
	Routes of Exposure:	Inhalation	<input type="checkbox"/>	Skin	<input type="checkbox"/>	Ingestion	<input checked="" type="checkbox"/>
IV First Aid Measures	Inhalation	IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING IS DIFFICULT.					
	Eyes	FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.					
	Skin	FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.					
	Ingestion	GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.					
V Fire Fighting Measures	Fire Control Measures/ Equipment	WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SELF-CONTAINED BREATHING APPARATUS.					
	Flammable Property Info						
	Explosion Info	PRODUCT WILL BURN IF EVAPORATED TO DRYNESS AND HEATED ABOVE FLAME POINT.					
	Extinguishing Media	WATER, WATER FOG					
	Gases						

VI Accidental Measures	Spill and Leak Clean Up Procedures	CAUSES VERY SLIPPERY SURFACES IF SPILLED. CONTAIN SPILL, MOP UP OR DILUTE WITH WATER, AND DISCHARGE TO A SANITARY SEWER SYSTEM. FOR LARGE AMOUNTS, MOP UP, PACKAGE AND DISPOSE OF IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS.									
	CERCLA PRODUCT RQ: NO REPORTABLE QUANTITY.										
Environmental Precaution:											
VII Handling and Storage	Ventilation Required?	NO		Instructions		PROVIDE ADEQUATE VENTILATION					
	Safe Storage, Handling and Use Instructions	KEEP CONTAINER CLOSED. STORE AWAY FROM OPEN FLAME AND OTHER HEAT SOURCES. DO NOT STORE WITH FOOD. STORE AWAY FROM ACIDS AND OXIDIZERS.									
	Incompatible Materials										
VIII Exposure Controls/ Personal Protection	Protective Gloves	CHEMICAL RESISTANT, RUBBER, OR PVC									
	Eye Protection	SAFETY GLASSES WITH SIDE SHIELD/SPLASH GOGGLES									
	Respiratory Protection	USUALLY NOT REQUIRED. MONITOR AREAS FOR CONTAMINATION IF SYMPTOMS OF OVEREXPOSURE ARE EVIDENT.									
	Other Protective Clothing Equipment	CHEMICALLY RESISTANT CLOTHING AND FOOTWEAR. SAFETY SHOWER AND EYE WASH IN USE AREA.									
IX Physical and Chemical Properties	Characteristics of Hazardous Chemical										
	Vapor Pressure	17.5	MmHg@	20	°C	Vapor Density(Air=1)	N/A	pH	Water Solubility	100	%
	Appearance & Odor	CLEAR COLORLESS LIQUID, NO ODOR									
	Boiling Point	212	°F	Melting Point	°F	Flammability Limits in Air By Volume: Upper		NONE	Lower	NONE	
	Flash Point	450	°F	Auto Ignition	N/A	°F	Oxidizing Properties				
	Specific Gravity	1.04				Volatile by Volume		<1	%		
	Evaporation Rate(n-Butyl Acetate=1)	<1									
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive	STABLE									
	Reactivity and Hazardous Polymerization	NONE									
	Possible Hazardous Reactions										
	Conditions to Avoid										
	Materials To Avoid	STRONG OXIDIZERS OR POWDERED CHLORINATED CLEANERS.									
	Hazardous Decomposition Products	OXIDES OF CARBON AND SULFUR.									
XI Toxicological Information											
XII Ecological Information	Possible Effects and Environmental Fate										
	Degradability										
	Aquatic Toxicity										
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling	USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL ENVIRONMENTAL REGULATIONS. WASTE PROCESS SOLUTIONS MAY BE TOXIC TO AQUATIC LIFE. DO NOT DISCHARGE TO LAKES, STREAMS, PONDS.									
	Disposal of Contaminated Material	OXIDES OF CARBON AND SULFUR.									
XIV Transport Information	COMPOUNDS, CLEANING, N.O.I., LIQUID										
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	WATER - CAS #7732-18-5 POTASSIUM CHLORIDE - CAS #7747-40-7 LINEAR ALCOHOL ETHOXYLATE - CAS #68439-46-3 TRIETHANOLAMINE - CAS #10271-6										