



MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

_	Product Name	Product Name LIQUID FACTOR I					(800)831-9889	
Ι	Product Code	e 09894470 UPC-A 774205552137 SCC				Medical(Collect)	(303)592-1024	
Chemical Product and Company	Manufacturer	JOHNSONDIVERSEY INC. 3630 E. KEMPER RD				Chemtree	(800)424-9300 02/04/2002	
Indentification	CINCINNATI, OH 45241-2046							
	Chemical Family	LIQUID LAUNDRY DETERGEN	Г					
		Hazardous Ingredient		%	Exposur	e Limits	Units	
Π	NONE							
Composition/ Information								
on Ingredients								
	A CAUSES EYE AND SKIN IRRITATION. MAY BE C HARMFUL IF SWALLOWED. INHALATION OF MIST							
	Signs U and T Symptoms							
	Symptoms c of H NO CHRONIC HAZARDS KNOWN.							
III	Exposure o							
Haz ards	ards							
Identific ation							tion B	
	Carcinogen Info	NONE				NTP IARC	OSHA	
	Target Organs or S	ystem			_			
	Routes of Exposure	e: Inhalation 🗌 Skin 🗖	Ι	ingestion	n x			
	Inhalation IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING IS DIFFICULT.							
IV	Eyes FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.							
First Aid Measures	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.							
	Ingestion GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.							
	Fire Control Measures/	WEAR FULL PROTECTIVE GEAR T SELF-CONTAINED BREATHING AP			KIN CON	TACT AND		
V	Equipment			0.0.				
	Flammable Property Info							
Fire Fighting Measures	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 CAUSES VERY SLIPPERY SURFACES IF SPILLED. CONTAIN SPILL, MOP UP OR DILUTE WITH WATER, AND DISCHARGE TO A SANITARY Clean UP Procedures SEWER SYSTEM. FOR LARGE AMOUNTS, MOP UP, PACKAGE AND DISPOSE OF IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS. CRCLA PRODUCT RQ: NO REPORTABLE QUANTITY.							
	Environmental Precautions							
	Ventilation Required? NO Instructions PROVIDE ADEQUATE VENTILATION							
	Safe Storage, KEEP CONTAINER CLOSED. STORE AWAY FROM OPEN FLAME AND OTHER HEAT							
VII	Handling SOURCES. DO NOT STORE WITH FOOD.							
Handling and	and Use STORE AWAY FROM ACIDS AND OXIDIZERS.							
Storage	Incompatible Materials							
	Protective Gloves CHEMICAL RESISTANT, RUBBER, OR PVC							
VIII	Eye Protection SAFETY GLASSES WITH SIDE SHIELD/SPLASH GOGGLES							
V III Exposure Controls/	Respiratory USUALLY NOT REQUIRED. MONITOR AREAS FOR CONTAMINATION IF							
Personal Protection	Protection SYMPTOMS OF OVEREXPOSURE ARE EVIDENT.							
	Other Protective CHEMICALLY RESISTANT CLOTHING AND FOOTWEAR. SAFETY Clothing Equipment SHOWER AND EYE WASH IN USE AREA.							
	Characteristics o of Hazardous Chemcial							
IX Physical and 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 CLEAR COLORLESS LIQUID,							
	Boiling Point 212 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE							
Properties	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 Peroxide, Pyrophoric, Unstable or Water Reactive STABLE							
	Peroxide, Pyrophoric, Unstable or Water Reactive STABLE Reactivity and Hazardous Polymerization NONE							
Х	Possible Hazardous Reactions							
Stability and	Conditions to Avoid							
Reactivity	Materials To Avoid STRONG OXIDIZERS OR POWDERED CHLORINATED CLEANERS.							
	Hazardous OXIDES OF CARBON AND SULFUR. Decomposition Products							
XI Toxicological Information								
XII	Possible Effects and Environmental Fate							
Ecological Information	Degradability Aquatic Toxicity							
XIII Disposal Consideration	Method of USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY Disposal, CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. Residues and RemOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. Dispose OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL Safe ENVIRONMENTAL REGULATIONS. WASTE PROCESS SOLUTIONS MAY BE TOXIC Handling TO AQUATIC LIFE. DO NOT DISCHARGE TO LAKES, STREAMS, PONDS.							
	Disposal of OXIDES OF CARBON AND SULFUR.							
XIV Transport Information	COMPOUNDS, CLEANING, N.O.I., LIQUID							
XV-Regulatory Information								
XVI-Other Information	NONE							
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							