

MATERIAL SAFETY DATA SHEET

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	Product Name	Product Name LIQUID DUPAN			Emergency	(800)831-9889	
I Chemical Product	Product Code 01741274 UPC-A 774205550485 SCC 10774205550482			Medical(Collect)	(303)592-1024		
	Manufacturer	JOHNSONDIVERSEY INC.			Chemtree	(800)424-9300	
and Company Indentification	3630 E. KEMPER RD				Date	01/08/1998	
	Cl. : IF 3	CINCINNATI, OH 45241-2046	LIND				
	Chemical Family	HAND DISHWASHING COMPO		L	** *:	***	
		Hazardous Ingredient US PER OSHA 1910.1200	%	Exposur	e Limits	Units	
II							
Composition/							
Information on Ingredients							
on ingredients							
	A	MAY IRRITATE EYES					
	Signs U T						
	Symptoms						
	of H	SAME AS ACUTE					
Ш	Exposure 0						
Hazards	I C						
Identification	HMIS: Health	,	Reactivity	0	Personal Protec	etion B	
	Conditions Aggravated SENSITIVE SKIN						
	Carcinogen Info	NONE			NTP IARC	OSHA	
	Target Organs or System						
	Routes of Exposure: Inhalation Skin Ingestion						
	Inhalation N/A IN NORMAL OPERATION.						
IV	Eyes FLUSH THOROUGHLY WITH FRESH WATER. GET MEDICAL ATTENTION.						
First Aid Measures	Skin FLUSH WITH FRESH WATER REMOVE CONTAMINATED CLOTHES AND SHOES.						
	REMOTE CONTAMINATED CLOTTES AND SHOES.						
	Ingestion GIVE WATER, DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.						
	AEVER GIVE ANT HIM OF MOUTH TO AN UNCONSCIOUS FERSON.						
	Fire Control Measures/	WEAR PROTECTIVE GEAR AND SELF IN FIRE AREA.	CONTAINED BR	REATHING	G APPARATUS		
V	Equipment Equipment						
	Flammable Property Info						
Fire Fighting Measures	Explosion Info	NONE					
	Extinguishing Media CO2, FOAM, DRY CHEMICALS						
	Gases						

VI Accidental Measures	Spill and Leak Clean UP Procedures FLUSH SMALL AMOUNTS TO SANITARY DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. NOT AN RCRA HAZARDOUS WASTE. CERCLA PRODUCT RQ = NO REPORTABLE QUANTITY						
	Environmental Precautions						
VII Handling and Storage	Ventilation Required? NO Instructions PRODUCING NORMAL AIR DILUTION						
	Safe Storage, Handling and Use Instructions KEEP FROM FREEZING. IF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP BUNGS IN CONTAINER. DO NOT PRESSURE CONTAINER TO EMPTY.						
	Imcompatible Materials						
VIII Exposure Controls/ Personal Protection	Protective Gloves NONE						
	Eye Protection NONE						
	Respiratory NONE Protection						
	Other Protective NONE Clothing Equipment						
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemcial						
	Vapor Pressure 17.5 MmHg@ 20 °C Vapor Density(Air=1) N/A pH Water Solubility 100 %						
	Appearance & Odor PINK LIQUID						
	Boiling Point 215 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties						
	Specific Gravity 1.025 Volatile by Volume 75 %						
	Evaporation Rate(n-Butyl Acetate=1) <1						
	Peroxide, Pyrophoric, Unstable or Water Reactive NONE						
v	Reactivity and Hazardous Polymerization NONE						
X	Possible Hazardous Reactions Conditions to Avoid						
Stability and Reactivity	Materials CONCENTRATED MINERAL ACIDS To Avoid						
	Hazardous CO, SO2 WITH INCOMPLETE COMBUSTION Decomposition Products						
XI Toxicological Information							
XII	Possible Effects and Environmental Fate						
Ecological	Degradability						
Information	Aquatic Toxicity						
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling PH ADJUSTMENT; NO PHOSPHATES. USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.						
	Disposal of CO, SO2 WITH INCOMPLETE COMBUSTION Contaminated Material						
XIV	COMPOUNDS, CLEANING, N.O.I., LIQUID						
Transport Information							
XV-Regulatory Information							
S.A.R.A. Title III Section 313	ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.						
State Right to Know Information	WATER - CAS #7732-18-5 SODIUM DODECYLBENZENE SULFONATE - CAS #25155-30-0 COCONUT DIETHANOLAMIDE - CAS #8051-30-7 AMMONIUM ALKYL ETHER SULFATE - CAS #32612-48-9						