



MATERIAL SAFETY DATA SHEET

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I Chemical Product and Company Identification	Product Name FORTY SEVEN PLUS		Emergency (800)831-9889		
	Product Code 02237279 UPC-A 774205550218 SCC 10774205550215		Medical(Collect) (303)592-1024		
	Manufacturer JOHNSON DIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300 Date 06/05/1995		
	Chemical Family LIQUID WAREWASHING COMPOUND				
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient CONTAINS SYNTHETIC DETERGENT NOT LISTED AS HAZARDOUS UNDER 29 CFR 1910.1200		% <25	Exposure Limits NONE ESTABLISHED	Units
III Hazards Identification	Signs and Symptoms of Exposure DEFATS SKIN; MAY IRRITATE EYES.				
	ACUTE CHRONIC SAME AS ACUTE				
	HMIS: Health 1 Flammability 0 Reactivity 0 Personal Protection B				
	Conditions Aggravated SENSITIVE SKIN.				
	Carcinogen Info NONE NTP IARC OSHA				
	Target Organs or System				
	Routes of Exposure: Inhalation ☐ Skin ☐ Ingestion ☐				
IV First Aid Measures	Inhalation REMOVE TO FRESH AIR.				
	Eyes FLUSH THOROUGHLY WITH FRESH WATER GET MEDICAL ATTENTION IF IRRITATION CONTINUES.				
	Skin FLUSH WITH FRESH WATER REMOVE CONTAMINATED CLOTHES AND SHOES.				
	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 PROTECTIVE GEAR AND SELF CONTAINED BREATHING APPARATUS IN FIRE AREA.				
	Flammable Property Info				
	Explosion Info NONE				
	Extinguishing Media DOES NOT BURN. CO2, FOAM, DRY CHEMICALS				
	Gases				

VI Accidental Measures	Spill and Leak Clean UP Procedures FLUSH SMALL AMOUNTS TO DRAIN COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER	
	Environmental Precautions	
VII Handling and Storage	Ventilation Required? NO Instructions PRODUCING NORMAL AIR DILUTION	
	Safe Storage, Handling and Use Instructions DO NOT PRESSURE CONTAINER TO EMPTY KEEP CONTAINER CLOSED IF FROZEN THAW AND MIX TO MAKE USABLE.	
	Incompatible Materials	
VIII Exposure Controls/ Personal Protection	Protective Gloves RUBBER OR NEOPRENE	
	Eye Protection SAFETY GLASSES	
	Respiratory Protection NONE	
	Other Protective Clothing Equipment NONE	
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 CLEAR LIQUID;MILD ODOR. PH OF CONCENTRATE = 9.6	
	Boiling Point 215 °F	Melting Point °F
	Flash Point NONE °F	Auto Ignition N/A °F
	Specific Gravity 1.014	Oxidizing Properties
	Evaporation Rate(n-Butyl Acetate=1) >1 Volatile by Volume 75 %	
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive NONE	
	Reactivity and Hazardous Polymerization NONE	
	Possible Hazardous Reactions	
	Conditions to Avoid	
	Materials To Avoid STRONG OXIDIZERS	
	Hazardous Decomposition Products CO WITH INCOMPLETE COMBUSTION.	
XI Toxicological Information		
XII Ecological Information	Possible Effects and Environmental Fate	
	Degradability	
	Aquatic Toxicity	
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling PH ADJUSTMENTS; NO PHOSPHOROUS. USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER, ADD TO OPERATION REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL	
	Disposal of Contaminated Material CO WITH INCOMPLETE COMBUSTION.	
XIV Transport Information	COMPOUNDS, CLEANING, N.O.I., LIQUID	
XV-Regulatory Information		
XVI-Other Information		
S.A.R.A. Title III Section 313	ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.	
State Right to Know Information	ALCOHOLS, C12-20, ETHOXYLATED - CAS # 68526-94-3 CAPRYLOAMPHOPROPIONATE - CAS #68630-95-5 WATER - CAS #7332-18-5 ETHOXYLATED PROPOXYLATED ALCOHOLS - CAS #68603-25-8	