



MATERIAL SAFETY DATA SHEET

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I Chemical Product and Company Identification	Product Name F-501						Emergency (800)831-9889		
	Product Code 08530100 UPC-A 774205552687 SCC						Medical(Collect) (303)592-1024		
	Manufacturer JOHNSON DIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046						Chemtree (800)424-9300		
							Date 08/13/1997		
	Chemical Family LIQUID BACTERIOSTATIC SOFTENER								
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient					%	Exposure Limits		Units
	ETHYL ALCOHOL (64-17-5)					<3	TLV 1000; PEL 1,880		MG/M3
	ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (68391-01-5)					<5	NONE ESTABLISHED		
	ALKYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE (68956-79-6)					<5	NONE ESTABLISHED		
	EPA REGISTERED PRODUCT 875-99								
III Hazards Identification	Signs and Symptoms of Exposure	A C U T E	CAUSES SEVERE EYE AND SKIN DAMAGE. HARMFUL IF SWALLOWED. INHALATION OF MISTS OR VAPORS MAY CAUSE IRRITATION TO MUCOUS MEMBRANES OF THROAT AND RESPIRATORY PROBLEMS.						
		C H R O N I C	SAME AS ACUTE						
	HMIS: Health 3 Flammability 2 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 ☒ Skin ☒ Ingestion ☒								
IV First Aid Measures	Inhalation	REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.							
	Eyes	IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.							
	Skin	IMMEDIATELY FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION.							
	Ingestion	GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE FLUIDS OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAVING CONVULSIONS.							
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	RESIDUE MAY BURN IF ALL LIQUID IS EVAPORATED BY HEAT OR FIRE.							
	Extinguishing Media FOAMS, CO2, WATER, DRY CHEMICALS								
	Gases								

VI Accidental Measures	Spill and Leak Clean UP Procedures	WEAR PROTECTIVE EQUIPMENT. LEAK SHOULD BE STOPPED. CONTAIN SPILLED MATERIAL AND CLEAN UP IMMEDIATELY. LIQUIDS SHOULD BE VACUUMED UP OR ABSORBED WITH CLAY OR SAND. PLACE IN METAL CONTAINER AND DISPOSE OF IN ACCORDANCE WITH ENVIRONMENTAL REGULATIONS.									
	Environmental Precaution:										
VII Handling and Storage	Ventilation Required?	NONE Instructions PROVIDE ADEQUATE VENTILATION									
	Safe Storage, Handling and Use Instructions	KEEP CONTAINER CLOSED. DO NOT CONTAMINATE WATER, FOOD, OR FEED. STORE IN A DRY PLACE AT 50 - 120 DEGREES F. DO NOT STORE WITH FOOD. KEEP OUT OF THE REACH OF CHILDREN.									
	Incompatible Materials										
VIII Exposure Controls/ Personal Protection	Protective Gloves	CHEMICAL RESISTANT									
	Eye Protection	SAFETY GLASSES WITH SIDE SHIELD/SPLASH GOGGLES									
	Respiratory Protection	USUALLY NOT REQUIRED.									
	Other Protective Clothing Equipment	CHEMICALLY RESISTANT CLOTHING AND FOOTWEAR. SAFETY SHOWER AND EYE WASH.									
IX Physical and Chemical Properties	Characteristics of Hazardous Chemical										
	Vapor Pressure	22.6	MmHg@	20 °C	Vapor Density(Air=1)	N/A	pH		Water Solubility	100	%
	Appearance & Odor	HAZY COLORLESS LIQUID; SLIGHT DETERGENT ODOR									
	Boiling Point	212	°F	Melting Point	°F	Flammability Limits in Air By Volume: Upper	N/A	Lower	N/A		
	Flash Point	138	°F	Auto Ignition	N/A	°F	Oxidizing Properties				
	Specific Gravity	0.98					Volatile by Volume	88	%		
	Evaporation Rate(n-Butyl Acetate=1)	<1									
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive	NONE									
	Reactivity and Hazardous Polymerization	NONE KNOWN									
	Possible Hazardous Reactions										
	Conditions to Avoid										
	Materials To Avoid	STRONG OXIDIZERS OR CHLORINE BLEACHES. SOAP OR ANIONIC DETERGENTS WILL INACTIVATE ANTIMICROBIAL ACTION.									
	Hazardous Decomposition Products	OXIDES OF CARBON AND NITROGEN									
XI Toxicological Information											
XII Ecological Information	Possible Effects and Environmental Fate										
	Degradability										
	Aquatic Toxicity										
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling	PESTICIDE WASTES ARE ACUTELY HAZARDOUS. IF THESE WASTES CANNOT BE DISPOSED OF BY USE ACCORDING TO LABEL INSTRUCTIONS, CONTACT YOUR STATE PESTICIDE OR ENVIRONMENTAL CONTROL AGENCY OR THE HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDANCE.									
	Disposal of Contaminated Material	OXIDES OF CARBON AND NITROGEN									
XIV Transport Information	CORROSIVE LIQUIDS, FLAMMABLE, N.O.S. (QUATERNARY AMMONIUM COMPOUNDS,ETHYL ALCOHOL), 8, (3), UN2920, PG II, ERG NO. 60, NAERG NO. 132										
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	ETHYL ALCOHOL - CAS #64-17-5 WATER - CAS #7732-18-5 TALLOW IMIDAZOLINE SOFTENER - CAS #68122-86-1 ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE - CAS #68391-01-5 ALKYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE - CAS #68956-79-6										