



MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

	Product Name F-501				Emergency (800)831-9889				
I Chemical Product	Product Code 08530070 UPC-A 774205552694 SCC			Medical(Collect)	Medical(Collect) (303)592-1024				
	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046			Chemtree	(800)424-9300				
and Company Indentification				Date 08/13/1997					
	Chemical Family LIQUID BACTERIOSTATIC SOFTENER								
	Chemical Name of Hazardous Ingredient % Exposure Limits Units					Units			
	ETHYL ALCOHOL (64-17-5)		<3				MG/M3		
II	ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (68391-01-5)		<5	NONE	ESTABLISHED				
Composition/ Information	ALKYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE (68956-79-6)		<5	NONE ESTABLISHED					
on Ingredients									
	EPA REGISTERED PRODUCT 875-99								
	A CAUSES SEVERE EYE AND SKIN DAMAGE. HARMFUL IF								
	C SWALLOWED. INHALATION OF MISTS OR VAPORS MAY CAUSE Signs U IRRITATION TO MUCOUS MEMBRANES OF THROAT AND								
1									
	of H SAME AS ACUTE								
III	Exposure o_N^R								
Haz ards	I C								
Identific ation	HMIS: Health 3 Flammability 2 Reactivity 0 Personal Protection B						В		
	Conditions Aggrav	Conditions Aggravated SENSITIVE SKIN; MISTS MAY AGGRAVATE RESPIRATORY DISEASE.							
	Carcinogen Info NONE NTP IARC OSHA								
	Target Organs or System								
	Inhalation REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.								
IV	Eyes IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.								
First Aid Measures	Skin IMMEDIATELY FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION.								
That Are measures									
	Ingestion GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE FLUIDS OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAVING CONVULSIONS.								
	Fire Control	WEAR FULL PROTECTIVE GEAR TO PREV	ENT S	KIN CON	TACT AND				
X 7	Measures/ SELF-CONTAINED BREATHING APPARATUS. Equipment								
V	Flammable Property Info								
Fire Fighting Measures Explosion Info RESIDUE MAY BURN IF ALL LIQUID IS EVAPOR.					HEAT OR FIRE.				
	Extinguishing Media FOAMS, CO2, WATER, DRY CHEMICALS								
	Gases								

VI Accidental Measures	Spill and LeakWEAR 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 							
	Environmental Precautions							
	Ventilation Required? NONE Instructions PROVIDE ADEQUATE VENTILATION							
VII Handling and Storage	Safe Storage, HandlingKEEP CONTAINER CLOSED. DO NOT CONTAMINATE WATER, FOOD, OR FEED.Handling and Use InstructionsSTORE IN A DRY PLACE AT 50 - 120 DEGREES F. DO NOT STORE WITHFOOD. KEEP OUT OF THE REACH OF CHILDREN.							
	Imcompatible Materials							
	Protective Gloves CHEMICAL RESISTANT							
VIII	Eye Protection SAFETY GLASSES WITH SIDE SHIELD/SPLASH GOGGLES							
Exposure Controls/ Personal Protection	Respiratory Protection USUALLY NOT REQUIRED.							
	Other Protective CHEMICALLY RESISTANT CLOTHING AND FOOTWEAR. SAFETY SHOWER Clothing Equipment AND EYE WASH.							
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemcial							
	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							
	MaterialsSTRONG OXIDIZERS OR CHLORINE BLEACHES. SOAP OR ANIONICTo AvoidDETERGENTS WILL INACTIVATE ANTIMICROBIAL ACTION.							
	Hazardous OXIDES OF CARBON AND NITROGEN Decomposition Products							
XI Toxicological Information								
XII	Possible Effects and Environmental Fate							
Ecological Information	Degradability							
XIII Disposal Consideration	Aquatic ToxicityMethod of Disposal, Residues and SafePESTICIDE 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.Handling							
	Disposal of OXIDES OF CARBON AND NITROGEN Contaminated Material							
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							