

MATERIAL SAFETY DATA SHEET

F-501 Product Name Emergency (800)831-9889 I (303)592-1024 08530470 SCC Medical(Collect) UPC-A 774205552670 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 08/13/1997 Date Indentification **CINCINNATI, OH 45241-2046** LIQUID BACTERIOSTATIC SOFTENER Chemical Family Units Chemical Name of Hazardous Ingredient **Exposure Limits** ETHYL ALCOHOL (64-17-5) TLV 1000; PEL 1,880 MG/M3 <3 NONE ESTABLISHED ALKYL DIMETHYL BENZYL AMMONIUM <5 Π CHLORIDE (68391-01-5) ALKYL DIMETHYL ETHYLBENZYL <5 NONE ESTABLISHED Composition/ Information AMMONIUM CHLORIDE (68956-79-6) on Ingredients **EPA REGISTERED PRODUCT 875-99** CAUSES SEVERE EYE AND SKIN DAMAGE. HARMFUL IF SWALLOWED. INHALATION OF MISTS OR VAPORS MAY CAUSE Signs IRRITATION TO MUCOUS MEMBRANES OF THROAT AND П RESPIRATORY PROBLEMS. and Symptoms SAME AS ACUTE Exposure Ш O Haz ards Identific ation HMIS: Health 3 Personal Protection Flammability Reactivity В SENSITIVE SKIN; MISTS MAY AGGRAVATE RESPIRATORY Conditions Aggravated DISEASE. Carcinogen Info NONE NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin X Ingestion X X Inhalation REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. IV IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST Eyes 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. GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. Ingestion NEVER GIVE FLUIDS OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAVING CONVULSIONS. Fire Control WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND Measures/ SELF-CONTAINED BREATHING APPARATUS. Equipment V Flammable Property Info Fire Fighting RESIDUE MAY BURN IF ALL LIQUID IS EVAPORATED BY HEAT OR FIRE. **Explosion Info** Measures Extinguishing Media FOAMS, CO2, WATER, DRY CHEMICALS Gases

Printed: 02/06/2004

	REGULATIONS.
	Environmental Precautions
VII Handling and Storage	Ventilation Required? NONE Instructions PROVIDE ADEQUATE VENTILATION Safe Storage, Handling and Use Instructions REEP 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.
	Imcompatible Materials
	Protective Gloves CHEMICAL RESISTANT
VIII	Eye Protection SAFETY GLASSES WITH SIDE SHIELD/SPLASH GOGGLES
Exposure Controls/ Personal Protection	Respiratory USUALLY NOT REQUIRED. Protection
	Other Protective CHEMICALLY RESISTANT CLOTHING AND FOOTWEAR. SAFETY SHOWER 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
	Evaporation Rate(n-Butyl Acetate=1) <1 Peroxide, Pyrophoric, Unstable or Water Reactive NONE
	Reactivity and Hazardous Polymerization NONE KNOWN
X	Possible Hazardous Reactions
Stability and	Conditions to Avoid
Reactivity	Materials To Avoid To
	Decomposition Products
XI Toxicological Information	
XII	Possible Effects and Environmental Fate
Ecological Information	Degradability Aquatic Toxicity
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling Method of Disposal, Residues and Safe Handling Method of Disposal, Residues and Safe Handling Method of Disposal, 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 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
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