

MATERIAL SAFETY DATA SHEET**Effective:** 08/13/1997

I-Chemical Product and Company Identification	Product Name F-501		UPC# 7-74205-55269-4		Emergency (800)831-9889
	Product Code 08530070		SCC# SCC: Not Available		Medical(Collect) (303)592-1024
II-Composition/Information on Ingredients	Distributor DiverseyLever Institutional		Manufacturer DIVERSEYLEVER		Chemtrec (800)424-9300
	3630 E. KEMPER RD CINCINNATI OH 45241-2046		Printed 01/09/2002		
Chemical Family LIQUID BACTERIOSTATIC SOFTENER					
III-Hazards Identification	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					
IV-First Aid Measures	Signs and Symptoms of Exposure	Acute	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.		
		Chronic	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 Systems				
Routes of Exposure: Inhalation <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/>					
V-Fire Fighting 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.			
Fire Control WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND MEASURES/ SELF-CONTAINED BREATHING APPARATUS.					
Equipment					
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					

Send To:

**DiverseyLever®**

08530070 F-501

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 Precautions
VII-Handling and Storage	Ventilation Required? NONE Instructions PROVIDE ADEQUATE VENTILATION Safe Storage,KEEP CONTAINER CLOSED. DO NOT CONTAMINATE WATER, FOOD, OR FEED. Handling and Use STORE IN A DRY PLACE AT 50 - 120 DEGREES F. DO NOT STORE WITH FOOD. KEEP OUT OF THE REACH OF CHILDREN. Instructions 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 121 °C Melting Point -11 °C Flammability Limits in Air by Volume: Upper N/A Lower N/A Flash Point 138 °C Auto Ignition N/A 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 Oxides of Carbon and Nitrogen Decomposition Products
XI-Toxicological Information	
XII-Ecological Information	Possible Effects and Environmental Fate Degradability Aquatic Toxicity
XIII-Disposal Considerations	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
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 ETHYL BENZYL AMMONIUM CHLORIDE - CAS #68956-79-6 PRRTK6