SCHOOLCRAFT COLLEGE CUSTOMER 18600 HAGGERTY SEE ATTN: DIR. OF BLDGS/GROUNDS REVERSE LIVONIA, MICHIGAN 48151			MATERIAL SAFETY DATA SHEET DATE 11/05/94		MSDS DATE 8/23/PRODUCT NO. 102721		
SIDE C.	· · · · · · · · · · · · · · · · · · ·	SECTION I - IDENTITY		300177		CT NO 1 . : NO 6 .	
MANUFACTURER'S NAM		EMERGENCY TELEPHONE NO.	ADDRESS (Number, Street, Cit			· · · · · · · · · · · · · · · · · · ·	····
CHEMICAL NAME AND S	Laboratories, Inc.	219/356-8100	970 East Tiptor	·	tington, In	diana 4	6750
N/A	·		ASCEND	VIS			
CHEMICAL FAMILY			FORMULA .				
GERMICIDAL D	ELEKGENI	SECTION II - HAZAR	N/A DOUS INGREDIENTS				
CAS NO. 7173-51-5	DIDECUL DINGE	PRINCIPAL HAZARDO			%	ACGIH TLV	OS PI
	N-ALKYL (C14 5	YL AMMONIUM CHLOR 0%, C12 40%, C16 ZYL AMMONIUM CHLO	10%)		9.22 N. 6.14 N.	/ A / A	N/A N/A
i							
		SECTION III D	IVCIOAL DATA				
APPEARANCE AND (DOR .	SECTION III P	TISICAL DATA				
	GREEN LIQU				pH VALU	7 ,	2-8
SPECIFIC GRAVITY (F	1.0=1)	PERCENT, VOLATILE BY VOLUME (%)	7 REACTIVITY	IN WATER N/A		PRATION F	HATE .= 1) 1
BOILING POINT (°F.)	212 SOLUBILITY I	N WATER 100% VAPOR D	DENSITY (AIR=1)	VAPOR PRE		Ha.)	
	<u> </u>	SECTION IV - FIRE AI	ND EXPLOSION DATA	ı			7.5 a
FLASH POINT METHOD USED >212 CONT:	F,TCC FLAMMABLE UPP	PER LOWER I	ONTO- BNITION EMP. UNK	C PROCEDURES	IONE		
UNUSUAL FIRE	-	MEDIA N/A					
AND EXPLOSION HAZARDS	NONE						
		SECTION V - PHY	SICAL HAZARDS				
STABILITY UNSTABL INCOMPATABILITY (MATERIALS TO AVOID)		CONDITIONS TO AVOID	NONE				
	NONE SITION PRODUCTS FROM	THERMAL DECOMPOS	ITION, CARBON M	ONOXIDE.	CARBON	DIOX	IDE.
AMMONIA NIT HAZARDOUS POLYMERIZATION OCC	KUUS UXIDE, HY	DROGEN CHLORIDE. DITIONS VOID NONE	· · · · · · · · · · · · · · · · · · ·				
TUDESUOI D	5555070.05	SECTION VI - HEAL	TH HAZARD DATA				
THRESHOLD LIMIT VALUE SEE SE 2. EYES CONCENTR DAMAGE.	C II CAUSES IRR	NU AUVER	SE REACTION EXP		VERE I	RITA	TION.
4. INGESTION CONC.	CAUSES IRRITA TO THROAT OR		S CARCINOGEN • NATIONAL TOXI	ICOLOGY YES NO	I.A.R.C. MONOGRAPHS	YES NO	DSHA
TINOT AID PHOUEDUNES		O FRESH AIR.				,,	
PHYSICI	AN IMMEDIATELY	H PLENTY OF WATER H PLENTY OF WATER					
CONTAMI	NATED CLOTHING	AND WASH BEFORE	REUSE. CALL A P	HYSICIAN.	,		
4. INGESTION PRUMP	TLY DRINK A LA TATELY. NOTE T	RGE QUANTITY OF W. O PHYSICIAN: PROB.	ATER• AVOID ALC ABLE MUCOSAL DA	OHOL. CAL Mage may	L A PHY CONTRA	/SICI/	ATE
THE USE OF	GASTRIC LAVAGE	 MEASURES AGAINS N MAY BE NEEDED. 	T CIRCULATORY S	HOCK, RES	PIRATO	₹ Y	
STEPS TO BE TAKEN	IN CASE	SECTION VII - SPILL O	DISPOSAL METHOD	5			
NOT CONTAMIN	ATE WATER, FOO	D, OR FEED. OISP	OPE OSE OF IN ACCOR FEDERAL REGULAT	IONS.			
RESPIRATORY	SE	CTION VIII - SPECIAL PF	NTILATION LOCAL MECH SPECIA		ОТН	ER	
PROTECTION (SPECIFY TYPE) NONE			EXHAUST	<u> </u>			<u> </u>
PROTECTIVE GLOVES RUBBER		ROTECTION GOGGLES-CONI SECTION IX - SPEC	SHIELD SHIELD	GLASSES - OPTIONAL	FOR CO	NCENT	RATE.
INACCESTBLE	TO CHILDREN OR	PERSONS UNFAMILIA	LUCKED STORAGE AR WITH ITS PRO	PER USE.	NT TO I	MAKE :	Ţ
OTHER PRECAUTIONS	STRIPLE RINSE	CONTAINERS. DO NO	T REUSE EMPTY C	ONTAINERS	• FOLL	JW LAI	BEL

L'Huntington. "SCHOOLCRAFT COLLEGE 18600 HAGGERTY **MATERIAL SAFETY** CUSTOMER SEE REVERSE ATTN: DIR. OF BLDGS/GROUNDS **DATA SHEET** LIVONIA, MICHIGAN PRODUCT NO. $\frac{102721}{}$ 48151 DATE 7/23/92 SIDE CUSTOMER NO. 300177 952685 **SECTION I - IDENTITY** MANUFACTURER'S NAME ADDRESS (Number, Street, City, State and Zip Code) EMERGENCY TELEPHONE NO. 970 East Tipton Street, Huntington, Indiana 46750 Huntington Laboratories, Inc. 219/356-8100 CHEMICAL NAME AND SYNONYMS TRADE NAME AND SYNONYMS **ASCEND** CHEMICAL FAMILY FORMULA N/A GERMICIDAL DETERGENT **SECTION II - HAZARDOUS INGREDIENTS** CAS NO PRINCIPAL HAZARDOUS COMPONENTS ACCI TLV OSI 9/0 717345145 DIDECYL DIMETHYL AMMONIUM CHLORIDE N/A 9.24 NIA 8001-54-5 (<u>C14 50%</u>, C12 40%, C16 10%) 6.1 NIA N/4 DIMETHYL BENZYL AMMONIUM CHLORIDE SECTION III PHYSICAL DATA APPEARANCE AND ODOR pH VALUE GREEN LIQUID, SASSAFRAS ODOR PERCENT, VOLATILE BY VOLUME (%) **EVAPORATION RATE** SPECIFIC GRAVITY (H,O=1) REACTIVITY IN WATER 1.02 (MAIER BOILING POINT (° F.) SOLUBILITY IN WATER VAPOR DENSITY (AIR=1) VAPOR PRESSURE (mm Hg.) 1002 SECTION IV - FIRE AND EXPLOSION DATA AUTO-IGNITION TEMP. SPECIAL FIRE FIGHTING PROCEDURES UPPER LOWER METHOD USED UNK UNK CONT EXTINGUISHING MEDIA UNUSUAL FIRE EXPLOSION HAZARDS NONE SECTION V - PHYSICAL HAZARDS CONDITIONS TO AVOID STABLE STABILITY UNSTABLE NONE INCOMPATABILITY (MATERIALS TO AVOID) NONE HAZARDOUS DECOMPOSITION PRODUCTS FROM THERMAL DECOMPOSITION, CARBON MONOXIDE, CARBON DIDXIDE, NITROUS AMMONIA, OXIDE, HYDROGEN CHLORIDE. HAZARDOUS POLYMERIZATION NONE **SECTION VI - HEALTH HAZARD DATA** THRESHOLD EFFECTS OF OVEREXPOSURE 1. INHALATION NO ADVERSE REACTION EXPECTED. SEC 11 2. EYES CONCENTRATE CAUSES IRRITATION OR CONCENTRATE CAUSES SEVERE IRRITATION. 3. SKIN DAMAGE. 4. INGESTION CONCENTRATE IS HARMFUL NO CHEMICAL LISTED AS CARCINOGEN • NATIONAL TOXICOLOGY OR POTENTIAL CARCINOGEN • PROGRAM I.A.R.C. MONOGRAPHS OSHA OR. FATAL. EMERGENCY AND FIRST AID PROCEDURES 1. INHALATION MOVE TO FRESH AIR. IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL PHYSICIAN IMMEDIATELY. IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. 3. SKIN CONTAMINATED CLOTHING AND WASH BEFORE REUSE. CALL Δ PHYSICIAN. PROMPTLY DRINK A LARGE QUANTITY OF WATER. AVOID ALCOHOL. CALL A PHYSICIAN IMMEDIATELY. NOTE TO PHYSICIAN: PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE USE OF GASTRIC LAVAGE. MEASURES AGAINST CIRCULATORY SHOCK, RESPIRATORY DEPRESSION, AND CONVULSION MAY BE NEEDED. SECTION VII - SPILL-OR LEAK PROCEDURES -STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED CONTAIN SPILL. WASTE DISPOSAL METHOD DPEN DUMPING IS PROHIBILED. NOT CONTAMINATE WATER, FOOD, OR FEED. DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STA REGULATIONS. AND FEDERAL SECTION VIII - SPECIAL PROTECTION INFORMATION RESPIRATORY VENTILATION LOCAL MECH SPECIAL PROTECTION (SPECIFY TYPE) NONE REQUIRED PROTECTIVE SAFETY GLASSES - USE DILUTION. PROTECTION GOGGLES-CONC. OTHER RUBBER SHIELD WHEN HANDLING CONCENTRATE **SECTION IX - SPECIAL PRECAUTIONS** PRECAUTION TO BE TAKEN IN HANDLING AND STORING KEEP UNDER LUCKED STORAGE SUFFICIENT TO MAKE INACCESIBLE TO CHILDREN OR PERSONS UNFAMILIAR WITH ITS PROPER USE. THIS CATIONIC MATERIAL, ITS ACTIVITY IS REDUCED BY SOAPS OR ANIONICS. OTHER PRECAUTIONS TRIPLE RINSE CONTAINERS. DO NOT REUSE EMPTY CONTAINERS. FOLLOW LABEL

DIRECTIONS .