

CUSTOMER  
SEE  
REVERSE  
SIDE

SCHOOLCRAFT COLLEGE  
18600 HAGGERTY  
ATTN: DIR. OF BLDGS/GROUNDS  
LIVONIA, MICHIGAN 48151

JADIVICAL  
MATERIAL SAFETY  
DATA SHEET

Huntington.

DATE 11/05/94  
CUSTOMER NO. 300177

MSDS DATE 8/23/94  
PRODUCT NO. 102721  
INVOICE NO. 610783

SECTION I - IDENTITY

MANUFACTURER'S NAME <b>Huntington Laboratories, Inc.</b>	EMERGENCY TELEPHONE NO. <b>219/356-8100</b>	ADDRESS (Number, Street, City, State and Zip Code) <b>970 East Tipton Street, Huntington, Indiana 46750</b>
---	--	--

CHEMICAL NAME AND SYNONYMS

N/A

TRADE NAME AND SYNONYMS

ASCEND

CHEMICAL FAMILY

FORMULA

GERMICIDAL DETERGENT

N/A

SECTION II - HAZARDOUS INGREDIENTS

CAS NO.	PRINCIPAL HAZARDOUS COMPONENTS	%	ACGIH TLV	OSHA PEL
7173-51-5	DIDECYL DIMETHYL AMMONIUM CHLORIDE	9.22	N/A	N/A
8001-54-5	N-ALKYL (C14 50%, C12 40%, C16 10%)	6.14	N/A	N/A
	DIMETHYL BENZYL AMMONIUM CHLORIDE			

SECTION III PHYSICAL DATA

APPEARANCE AND ODOR	GREEN LIQUID; FRESH ODOR				pH VALUE	7.2-8.2
SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.02	PERCENT, VOLATILE BY VOLUME (%)	77	REACTIVITY IN WATER	N/A	EVAPORATION RATE (WATER = 1) 1
BOILING POINT (°F.)	212	SOLUBILITY IN WATER	100%	VAPOR DENSITY (AIR=1)	<1	VAPOR PRESSURE (mm Hg.) 17.5 @ 25°C

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT METHOD USED	>212°F, TCC	FLAMMABLE LIMITS	UPPER	UNK	LOWER	UNK	AUTO-IGNITION TEMP.	UNK	SPECIAL FIRE FIGHTING PROCEDURES	NONE
CONT:	EXTINGUISHING MEDIA N/A									
UNUSUAL FIRE AND EXPLOSION HAZARDS	NONE									

SECTION V - PHYSICAL HAZARDS

STABILITY	UNSTABLE	STABLE	X	CONDITIONS TO AVOID	NONE
INCOMPATABILITY (MATERIALS TO AVOID)	NONE				
HAZARDOUS DECOMPOSITION PRODUCTS	FROM THERMAL DECOMPOSITION, CARBON MONOXIDE, CARBON DIOXIDE, AMMONIA, NITROUS OXIDE, HYDROGEN CHLORIDE.				
HAZARDOUS POLYMERIZATION	MAY OCCUR	WILL NOT OCCUR	X	CONDITIONS TO AVOID	NONE

SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	SEE SEC II	EFFECTS OF OVEREXPOSURE	1. INHALATION	NO ADVERSE REACTION EXPECTED.			
2. EYES	CONCENTRATE CAUSES IRRITATION OR DAMAGE.			3. SKIN	CONCENTRATE CAUSES SEVERE IRRITATION.		
4. INGESTION	CONC. CAUSES IRRITATION OR BURNS TO THROAT OR STOMACH			CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN	NATIONAL TOXICOLOGY PROGRAM	YES NO	I.A.R.C. MONOGRAPHS YES NO
EMERGENCY AND FIRST AID PROCEDURES	1. INHALATION MOVE TO FRESH AIR.						
2. EYES	IMMEDIATELY FLUSH WITH PLenty OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN IMMEDIATELY.						
3. SKIN	IMMEDIATELY FLUSH WITH PLenty OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. CALL A PHYSICIAN.						
4. INGESTION	PROMPTLY DRINK A LARGE QUANTITY OF WATER. AVOID ALCOHOL. CALL A PHYSICIAN IMMEDIATELY. NOTE TO PHYSICIAN: PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE 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. DO NOT CONTAMINATE WATER, FOOD, OR FEED.	WASTE DISPOSAL METHOD	OPEN DUMPING IS PROHIBITED. DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
---	---	-----------------------	--

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE) NONE REQUIRED		VENTILATION	LOCAL EXHAUST	MECH X	SPECIAL	OTHER
PROTECTIVE GLOVES RUBBER	EYE PROTECTION GOGGLES-CONC.	OTHER SAFETY GLASSES - USE DILUTION. FACE SHIELD OPTIONAL FOR CONCENTRATE.				

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTION TO BE TAKEN IN HANDLING AND STORING	KEEP UNDER LOCKED STORAGE SUFFICIENT TO MAKE IT INACCESSIBLE TO CHILDREN OR PERSONS UNFAMILIAR WITH ITS PROPER USE. THIS IS CATIONIC MATERIAL, ITS ACTIVITY IS REDUCED BY SOAPS OR ANIONICS.		
OTHER PRECAUTIONS	TRIPLE RINSE CONTAINERS. DO NOT REUSE EMPTY CONTAINERS. FOLLOW LABEL DIRECTIONS.		