

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

**MATERIAL SAFETY
DATA SHEET**

Huntington.

MSDS DATE 10/01/91
DATE 7/27/95
PRODUCT NO. 104418
CUSTOMER NO. 300177
INVOICE NO. 670133

SECTION I - IDENTITY

MANUFACTURER'S NAME Huntington Laboratories, Inc.	EMERGENCY TELEPHONE NO. 219/356-8100	ADDRESS (Number, Street, City, State and Zip Code) 970 East Tipton Street, Huntington, Indiana 46750
CHEMICAL NAME AND SYNONYMS N/A	TRADE NAME AND SYNONYMS ASCEND	
CHEMICAL FAMILY PHENOLIC DISINFECTANT	FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS

CAS NO.	PRINCIPAL HAZARDOUS COMPONENTS	%	ACGIH TLV	OSHA PEL
90-43-7	O-PHENYLPHENOL	0.176	N/A	N/A
80-46-6	P-TERT-AMYLPHENOL	0.045	N/A	N/A
64-17-5	ETHANOL	49.95	1000 PPM	1000 PPM
67-56-1	*METHANOL	1-10	200 PPM	200 PPM
*REPORTABLE UNDER SARA TITLE III, SECTION 313				

SECTION III PHYSICAL DATA

APPEARANCE AND ODOR				WET, MISTY SPRAY; LEMON ODOR				pH VALUE		N/A					
SPECIFIC GRAVITY (H ₂ O=1)		<1.0		PERCENT, VOLATILE BY VOLUME (%)		>99		REACTIVITY IN WATER		NONE		EVAPORATION RATE (ETHER = 1)		<1	
BOILING POINT (°F.)		N/A		SOLUBILITY IN WATER		100%		VAPOR DENSITY (AIR=1)		>1		VAPOR PRESSURE (mm Hg.)		6463 @130F	

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT METHOD USED	96F, TOC	FLAMMABLE LIMITS	UPPER	9.2	LOWER	1.8	AUTO-IGNITION TEMP.	UNK	SPECIAL FIRE FIGHTING PROCEDURES	COOL CONTAINERS TO PREVENT PRESSURE
CONT: BUILD-UP. SHIELD FROM BURSTING CONTAINERS.				EXTINGUISHING MEDIA		CARBON DIOXIDE, DRY CHEMICAL, OR FOAM.				
UNUSUAL FIRE AND EXPLOSION HAZARDS		AT ELEVATED TEMPERATURES (OVER 130F) CONTAINERS MAY VENT, RUPTURE, OR BURST.								

SECTION V - PHYSICAL HAZARDS

STABILITY UNSTABLE	STABLE X	CONDITIONS TO AVOID HEAT AND OPEN FLAME.
INCOMPATIBILITY STRONG OXIDIZERS		
HAZARDOUS DECOMPOSITION PRODUCTS CARBON DIOXIDE.	THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE AND	

HAZARDOUS POLYMERIZATION	MAY OCCUR	WILL NOT OCCUR X	CONDITIONS TO AVOID NONE
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SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE SEE SEC II	EFFECTS OF OVEREXPOSURE 1. INHALATION HIGH CONCENTRATIONS MAY CAUSE HEADACHES.
2. EYES CAUSES IRRITATION.	3. SKIN PROLONGED OR REPEATED CONTACT MAY CAUSE DRYING, IRRITATION, AND DERMATITIS.
4. INGESTION MAY CAUSE STOMACH DISCOMFORT.	
EMERGENCY AND FIRST AID PROCEDURES 1. INHALATION MOVE TO FRESH AIR.	
2. EYES FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN.	
3. SKIN FLUSH WITH PLENTY OF WATER. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN.	
4. INGESTION GIVE VICTIM A GLASS OF WATER. CONTACT A PHYSICIAN IMMEDIATELY.	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED REMOVE IGNITION SOURCES. VENTILATE AREA. SOAK UP SPILL DO NOT CONTAMINATE FOOD/FEED/WATER.	WASTE DISPOSAL METHOD WHEN EMPTY-DEPRESS BUTTON UNTIL ALL GAS IS EXPELLED. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
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SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE) NONE REQUIRED	VENTILATION	LOCAL EXHAUST	GEN ROOM (MECH) X	SPECIAL	OTHER
PROTECTIVE GLOVES NONE REQUIRED	EYE PROTECTION SAFETY GLASSES	OTHER NONE REQUIRED			

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTION TO BE TAKEN IN HANDLING AND STORING KEEP AWAY FROM HEAT AND FLAME. USE WITH ADEQUATE VENTILATION. DO NOT PUNCTURE OR INCINERATE CONTAINERS.
OTHER PRECAUTIONS FOLLOW LABEL DIRECTIONS. KEEP OUT OF REACH OF CHILDREN.