

CUSTOMER
SEE
REVERSE
SIDE

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

MATERIAL SAFETY
DATA SHEET

Huntington.

MSDS DATE 7/14/95

DATE 1/26/96

PRODUCT NO. 103613

CUSTOMER NO. 300177

INVOICE NO. 709288

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 LIQUID POR-SAN
CHEMICAL FAMILY N/A		FORMULA N/A

SECTION II - HAZARDOUS INGREDIENTS

CAS NO	PRINCIPAL HAZARDOUS COMPONENTS	%	ACGIH TLV	OSHA PEL
14308-60-7	SILICON DIOXIDE	15-35	0.1MG/M3	0.1MG/M3
144-62-7	OXALIC ACID	1-10	1MG/M3	1MG/M3
OTHER INGREDIENTS > OR = 3%:				
7732-18-5	WATER			

SECTION III PHYSICAL DATA

APPEARANCE AND ODOR GREEN, GRITTY LIQUID; SASSAFRAS ODOR	pH VALUE 8.8-9.8		
SPECIFIC GRAVITY (H ₂ O=1) 1.08	PERCENT, VOLATILE BY VOLUME (%) 74	REACTIVITY IN WATER NONE	EVAPORATION RATE (= 1) UNK
BOILING POINT (°F.) UNK	SOLUBILITY IN WATER 74%	VAPOR DENSITY (AIR=1) <1	VAPOR PRESSURE (mm Hg.) UNK

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT METHOD USED NONE	FLAMMABLE LIMITS UPPER N/A LOWER N/A	AUTO-IGNITION TEMP N/A	SPECIAL FIRE FIGHTING PROCEDURES NONE
CONT. EXTINGUISHING MEDIA		AS FOR SURROUNDING FIRE.	
UNUSUAL FIRE AND EXPLOSION HAZARDS NONE KNOWN			

SECTION V - PHYSICAL HAZARDS

STABILITY	UNSTABLE	STABLE	<input checked="" type="checkbox"/>	CONDITIONS TO AVOID	NONE
INCOMPATIBILITY OXIDIZERS, HYDROFLUORIC ACID-COMPONENTS WILL DISSOLVE IN HYDROFLUORIC (MATERIALS TO AVOID) ACID AND PRODUCE A CORROSIVE GAS (SILICON TETRAFLUORIDE).					
HAZARDOUS DECOMPOSITION PRODUCTS THERMAL DECOMPOSITION MAY YIELD OXIDES OF CARBON AND NITROGEN AND FORMIC ACID.					
HAZARDOUS POLYMERIZATION	MAY OCCUR	WILL NOT OCCUR	<input checked="" type="checkbox"/>	CONDITIONS TO AVOID	NONE

SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE SEE SEC II	EFFECTS OF OVEREXPOSURE	1. INHALATION NO IMMEDIATE ADVERSE REACTION EXPECTED. (SEE SECTION IX.)
2. EYES CAUSES IRRITATION.	3. SKIN MAY CAUSE IRRITATION UPON REPEATED OR PROLONGED CONTACT.	
4. INGESTION CAUSES SEVERE STOMACH IRRITATION. MAY BE HARMFUL.		
EMERGENCY AND FIRST AID PROCEDURES	1. INHALATION MOVE TO FRESH AIR.	
2. EYES IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN IF IRRITATION PERSISTS.		
3. SKIN FLUSH SKIN WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. CALL A PHYSICIAN IF IRRITATION PERSISTS.		
4. INGESTION GIVE VICTIM SEVERAL GLASSES OF WATER. CALL A PHYSICIAN IMMEDIATELY.		

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED CONTAIN SPILL. DO NOT CONTAMINATE FOOD, FEED, OR WATER.	WASTE DISPOSAL METHOD DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. THIS PRODUCT IS NOT CONSIDERED RCRA HAZARDOUS.
---	---

SECTION VIII - SPECIAL PROTECTION INFORMATION

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

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTION TO BE TAKEN IN HANDLING AND STORING
KEEP OUT OF THE REACH OF CHILDREN. CONTAINS CRYSTALLINE SILICA. SINCE THIS PRODUCT IS A LIQUID, LUNG EXPOSURE TO SILICA WILL NOT OCCUR UNLESS PRODUCT IS ALLOWED TO DRY AND DUST IS CREATED. INHALATION OF THE DUST IN EXCESS OF THE TLV OVER MANY YEARS MAY CAUSE DELAYED LUNG INJURY. USE OF THE PRODUCT ACCORDING TO LABEL DIRECTIONS WILL ELIMINATE THIS HAZARD.