

CUSTOMER  
SEE  
REVERSE  
SIDE

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

**MATERIAL SAFETY  
DATA SHEET**

**Huntington.**

DATE 1/26/96  
CUSTOMER NO 300177

MSDS DATE 7/14/95  
PRODUCT NO. 103613  
INVOICE NO. 709288

**SECTION I - IDENTITY**

|   |  |  |
|---|--|--|
| MANUFACTURER'S NAME<br><b>Huntington Laboratories, Inc.</b> | EMERGENCY TELEPHONE NO.<br><b>219/356-8100</b> | ADDRESS (Number, Street, City, State and Zip Code)<br><b>970 East Tipton Street, Huntington, Indiana 46750</b> |
| CHEMICAL NAME AND SYNONYMS<br>N/A                           |  | TRADE NAME AND SYNONYMS<br><b>LIQUID POR-SAN</b>   |
| CHEMICAL FAMILY<br>N/A                                      |  | FORMULA<br>N/A   |

**SECTION II - HAZARDOUS INGREDIENTS**

| CAS NO.    | PRINCIPAL HAZARDOUS COMPONENTS | %     | ACGIH TLV | OSHA PEL |
|------------|--------------------------------|-------|-----------|----------|
| 14808-60-7 | 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 <sub>2</sub> O=1) |  | PERCENT, VOLATILE BY VOLUME (%)      |  | REACTIVITY IN WATER   |  | EVAPORATION RATE        |  |         |  |
| 1.08                                  |  | 74                                   |  | NONE                  |  | ( _____ = 1)            |  | UNK     |  |
| BOILING POINT (°F.)                   |  | SOLUBILITY IN WATER                  |  | VAPOR DENSITY (AIR=1) |  | VAPOR PRESSURE (mm Hg.) |  |         |  |
| UNK                                   |  | 74%                                  |  | <1                    |  | UNK                     |  |         |  |

**SECTION IV - FIRE AND EXPLOSION DATA**

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

**SECTION V - PHYSICAL HAZARDS**

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

**SECTION VI - HEALTH HAZARD DATA**

|                                       |  |                            |               |  |
|---------------------------------------|--|----------------------------|---------------|--|
| THRESHOLD<br>LIMIT VALUE              | SEE SEC II   | EFFECTS OF<br>OVEREXPOSURE | 1. INHALATION | NO IMMEDIATE ADVERSE REACTION EXPECTED.<br>(SEE SECTION IX.)       |
| 2. EYES                               | CAUSES IRRITATION.   |                            |               | 3 SKIN MAY CAUSE IRRITATION UPON REPEATED OR<br>PROLONGED CONTACT. |
| 4 INGESTION                           | CAUSES SEVERE STOMACH<br>IRRITATION. MAY BE HARMFUL.   |                            |               |  |
| EMERGENCY AND<br>FIRST AID PROCEDURES | 1. INHALATION MOVE TO FRESH AIR.   |                            |               |  |
| 2. EYES                               | IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.<br>CALL A PHYSICIAN IF IRRITATION PERSISTS.                 |                            |               |  |
| 3. SKIN                               | FLUSH SKIN WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING AND WASH<br>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<br>CONTAIN SPILL. DO NOT CONTAMINATE FOOD, FEED, OR WATER. | WASTE DISPOSAL METHOD<br>DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. THIS PRODUCT IS NOT CONSIDERED RCRA HAZARDOUS. |
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**SECTION VIII - SPECIAL PROTECTION INFORMATION**

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  
OTHER PRECAUTIONS LUNG INJURY. USE OF THE PRODUCT ACCORDING TO LABEL DIRECTIONS WILL  
ELIMINATE THIS HAZARD.