



# MATERIAL SAFETY DATA SHEET

| SECTION I - PRODUCT |   |  |
|---------------------|---|--|
| Product Name        | Manufacturer/Distributor  | Emergency Telephone Number   |
| DrainGel            | American Bio-Systems, Inc.<br>P.O. Box 577<br>Honolulu, Hawaii 96809-0577 | PHONE: (888) 371-3353<br>INQUIRY: American Bio-Systems, Inc.<br>EMERGENCY: (888) 371-3353<br>OUTSIDE USA: (888) 371-3353 |

| SECTION II - HAZARDOUS INGREDIENTS/INFORMATION |         |                     |
|--|---------|---------------------|
| HAZARDOUS COMPONENTS                           |         |                     |
| % MAX  | CAS NO. | CHEMICAL NAME       |
| 100%   |         | Proprietary mixture |

| SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS |                  |                  |             |
|---|------------------|------------------|-------------|
| Specific Gravity (H2O=1)                        | 1.0              | Boiling point    | >100 Deg. C |
| Vapor Pressure (mm Hg)                          | =Water           | Melting Point    | N/A Deg. C  |
| Vapor Density (Air=1)                           | =Water           | Evaporation Rate | 1 (Water=1) |
| Percent (by volume)                             | Nil              | pH               | 7.0-7.8     |
| Solubility in Water                             | 99%              | Odor             | Perfumed    |
| Appearance                                      | Med. Blue Liquid |                  |             |

| SECTION IV - FIRE AND EXPLOSION HAZARD DATA |   |
|---|---|
| Flash Point (Deg.C)/Method Used             | Not determined  |
| Flammable Limits                            | NA  |
| Extinguishing Media                         | Carbon dioxide, dry chemical, water   |
| Special Fire Fighting Procedures            | Use self-contained breathing apparatus and protective clothing when fighting fires. |
| Unusual Fire and Explosion Hazards          | None  |

| SECTION V - REACTIVITY DATA          |  |
|--------------------------------------|--|
| Stability                            | Stable under normal conditions   |
| Incompatibility (Materials to Avoid) | Oxidizing agents. Strong acids or alkali compounds may inactivate biological cultures. |
| Decomposition or Byproducts          | Oxides of sulfur and nitrogen.   |
| Hazardous Polymerization             | Will not occur   |

| SECTION VI - HEALTH HAZARD DATA  |   |
|--|---|
| Route (s) of Entry:  |   |
| Inhalation?  | Low   |
| Skin?  | Low   |
| Ingestion?   | Low   |
| Eyes?  | Low   |
| Health Hazards (Acute and Chronic):  | HMIS rating H=1 F=0 R=0                               |
| Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion.   |   |
| Eye contact is painful and irritating and may cause burns.   |   |
| Skin contact may cause slight redness on hands and forearms of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin. Organisms used are non-pathogenic but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly used antibiotics. |   |
| Inhalation: Mist caused by manufacturing operation may irritate nasal passages and throat.   |   |
| Occupational Exposure Limits:  |   |
| CAS #  | OSHA STEL OSHA PEL ACGIH TLV ACHIG CEILING OTHER SKIN |
| NONE   |   |

## SECTION VI - HEALTH HAZARD DATA (Continued)

### Carcinogenicity:

NTP? No  
 IARC Monographs? No  
 OSHA Regulated? No

### Signs and Symptoms of Exposure:

Inhalation Irritation  
 Skin Contact Irritation  
 Ingestion None in small amounts  
 Eye Contact Burning, irritation

Medical Conditions Generally Aggravated by Exposure: Dermatitis.

### Emergency and First Aid Procedures:

Inhalation Remove to fresh air.  
 Skin Contact Remove contaminated clothing, wash with soap and water.  
 Ingestion Induce vomiting only if advised by physician.  
 Eye Contact Flush with copious amounts of water for at least 15 minutes and have eyes examined and treated by medical personnel.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

### Steps To Be Taken in Case Material is Released or Spilled:

Small Spills: Mop up or absorb on inert material.  
 Large Spills: Contain and place in appropriate container for disposal.

Waste Disposal Method: Disposal of this product or its residues must be in accordance with all local, state and Federal requirements.

To maintain shelf life, avoid prolonged exposure to high or low temperatures and humidity. Avoid temperatures above 110° F. and keep from freezing. Keep out of direct sunlight.

Precautions To Be Taken in Handling and Storing: Follow good housekeeping and hygiene practices to help prevent accidental exposure or ingestion.

Other Precautions: Wash affected areas of body after using.

## SECTION VIII - CONTROL MEASURES

|  |   |
|--|---|
| Respiratory Protection                 | NIOSH approved respiratory equipment not required under normal conditions.      |
| Ventilation                            | Yes   |
| Local Exhaust                          | Yes   |
| Forced Exhaust                         | No  |
| Protective Gloves                      | Rubber  |
| Eye Protection                         | Goggles   |
| Other Protective Clothing or Equipment | None  |
| Work/Hygienic Practices                | Wash hands and face before eating, drinking or smoking after handling material. |

## SECTION IX - REGULATORY INFORMATION & REFERENCES

Not subject to Proposition 65 labeling requirements.

All non-biological ingredients are listed on the TSCA inventory.

### SARA TITLE III REPORTING REQUIREMENTS

SECTION 302 Reporting No  
 SECTION 304 Reporting No  
 SECTION 313 Reporting Required No  
 SECTION 312 Reporting Required Yes  
 CERCLA Reporting Required No  
 RCRA Reporting Required No  
 Canadian WHMIS Classification Class D2B  
 D.O.T. Proper Shipping Name Not D.O.T. Regulated  
 D.O.T. ID Number Not Regulated  
 D.O.T. Hazard Class Not D.O.T. Regulated