

**DrainGel™****MATERIAL SAFETY DATA SHEET****SECTION I - PRODUCT**

Product Name	Manufacturer/Distributor	Emergency Telephone Number
DrainGel	American Bio-Systems, Inc. P.O. Box 577 Honolulu, Hawaii 96809-0577	PHONE: (888) 371-3353 INQUIRY: American Bio-Systems, Inc. EMERGENCY: (888) 371-3353 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 (H ₂ O=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

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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