

**MATERIAL SAFETY DATA SHEET**

HADDON EQUIPMENT & SUPPLIES  
8441 MAIN STREET  
VANCOUVER, B.C. V5X 3Y2

Phone: (604) 325-3281  
In Case of Emergency Only:  
Phone CANUTEC: (613) 996-6666  
Valid: Nov. 2011 – Nov. 2013

**PRODUCT NAME:** BIOZYME L  
**OTHER NAME:** BIOZYME  
**DISTRIBUTED BY:**

**CODE: J487**

**WHMIS CLASSIFICATION:** Not Controlled  
**TDG CLASSIFICATION:** Not Regulated

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<b>HAZARDOUS INGREDIENTS</b>	<b>%WT/WT</b>	<b>CAS NO.</b>	<b>TOXICITY DATA (LD<sub>50</sub> &amp; LC<sub>50</sub>)</b>
Bacterial Culture Blend	10-30	N/A	Not Available
Nonionic Surfactant	1-5	9016-45-9	Not Available
Enzyme	< 1	9000-85-5	Not Available

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**PHYSICAL DATA FOR PRODUCT**

Physical State: Liquid                      Sp. Gravity: 1.0018                      pH: 6.1    1% sol. - 7.7  
Boiling Point: 100°C                      Vapour Pressure: N/A  
Vapour Density: Not Avail.                      Evaporation Rate: Not Avail.  
Freezing Point: 0°C  
Solubility in Water: 100%  
Appearance & Odour: Light green, opaque perfumed liquid.

**FIRE AND EXPLOSION DATA FOR PRODUCT**

Flash Point (Test Method): N/A  
Flammable Limits in Air, % by vol. Non-flammable    Lower: N/A    Upper: N/A  
Fire Extinguishing Substances: ( ) Water Fog ( ) Foam ( ) CO<sub>2</sub>  
( ) Dry Chem ( ) Other:    Use media proper to primary cause of fire.  
Hazardous Combustion Products:    Carbon oxides and sodium oxides.

Special Firefighting Procedures:    As for surrounding fire.

**REACTIVITY DATA FOR PRODUCT**

Incompatibility: ( ) Water (X) Oxidizing Material (X) Acid (X) Base  
( ) Other: Strong acids or alkali compound may inactivate biological cultures.  
Hazardous Decomposition Products:    None.

Chemical Stability:    Stable under normal conditions.

\*N/A - Not applicable.

Product Name: **BIOZYME L (BIOZYME)**

**HEALTH HAZARD INFORMATION FOR PRODUCT**

**EMERGENCY and FIRST AID PROCEDURES**

Inhalation: N/A.

Ingestion: Drink large quantities of milk or water. Induce vomiting only on advice of physician. Get medical attention.

Eyes: Rinse with plenty of water for 15 minutes. If discomfort persists, get medical attention.

Skin: Wash with soap and water. Remove contaminated clothing and footwear and wash before reuse.

**EFFECTS OF OVEREXPOSURE (Acute and Chronic)**

Inhalation: No effect known.

Ingestion: No effects if ingested in small amounts. Very low toxicity. Irritation of mouth, esophagus and stomach may follow.

Eyes: Causes temporary discomfort and redness. May contribute to infection when in contact with open wounds.

Skin: Prolonged contact may cause discomfort and defatting of tissue and possible dermatitis and skin sensitization.

**PREVENTIVE MEASURES**

Steps to be taken upon release or spillage (including neutralizing):

For larger spills, contain and pick-up. For small spills, wash area with water.

Waste disposal method:

Dispose in accordance with federal, provincial and local regulations in designated landfill site.

Handling and Storage Requirements:

Store in well ventilated area away from strong oxidizers. Keep container closed when not in use. Avoid extended exposure to high or low temperatures and humidity.

Ventilation Requirements (Local or General):

General ventilation is sufficient.

Respiratory Protection:

Not normally necessary.

Eye Protection:

Safety glasses may be worn.

Other Protection:

Not normally necessary. Eyewash station and safety shower in work area is recommended.