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Fritz Aquatics  
**FritzZyme® 460**

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**SECTION 1: Product Information**

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<b>Date Revised</b>	12/23/2005
<b>Brand Name</b>	Fritz Aquatics
<b>Product Name</b>	FritzZyme® 460
<b>Chemical Name</b>	Mixture containing Bacillus sp. Bacteria
<b>CAS Number</b>	None - Mixture
<b>NFPA (704) Rating</b>	Health: 1      Flammability: 0      Reactivity: 0      Special: 0

**This product contains species of bacteria listed on the Environment Canada DSL list as:**  
16970-5 Bacillus species/Espèce bacillus

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**SECTION 2: Hazardous Components Information**

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(None)

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**SECTION 3: Physical/Chemical Characteristics**

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<b>Specific Gravity (Water = 1)</b>	Not listed
<b>Bulk Density</b>	N/A
<b>Solubility in Water</b>	Will disperse
<b>Boiling Point</b>	N/A
<b>Freeze Point</b>	N/A
<b>Evaporation Rate</b>	N/A
<b>Appearance &amp; Odor</b>	Tan liquid; Yeast-like odor
<b>pH</b>	Not listed
<b>Vapor Density</b>	N/A
<b>Biodegradability</b>	100%

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**SECTION 4: Fire & Explosion Hazard Data**

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<b>Flash Point (Method Used)</b>	Not Flammable
<b>Flammable Limits</b>	Negligible Fire Hazard

<b>Extinguishing Media</b>	All standard firefighting media
<b>Special Firefighting Procedures</b>	None known
<b>Unusual Fire &amp; Explosion Hazards</b>	None known

## SECTION 5: Reactivity Data

<b>Stability</b>	Stable
<b>Conditions to Avoid</b>	Extreme heat
<b>Incompatibility (Materials to Avoid)</b>	Strong acids or strong bases
<b>Hazardous Decomposition or Byproducts</b>	None known
<b>Hazardous Polymerization</b>	Will not occur

## SECTION 6: Health Hazard Data

<b>Route(s) of Entry</b>	<b>Inhalation:</b> No	<b>Skin:</b> Yes	<b>Ingestion:</b> Yes	<b>Eyes:</b> Yes
<b>Health Hazards (Acute &amp; Chronic)</b>	None known			
<b>Carcinogenicity</b>	<b>NTP:</b> N/A	<b>IARC Monographs:</b> N/A	<b>OSHA Regulated:</b> N/A	
<b>Signs &amp; Symptoms of Exposure</b>	<b>Ingestion:</b> May cause gastric distress		<b>Skin:</b> May cause irritation	<b>Eyes:</b> Will cause irritation upon contact
<b>Medical Conditions Aggravated by Exposure</b>	Allergies			
<b>Emergency &amp; First Aid Procedures</b>	Wash skin with soap and water. Remove contaminated clothing and wash. Flush eyes with water for 15 minutes. If swallowed, drink water to dilute contents. Do not induce vomiting. Do not give fluids if victim is unconscious or having convulsions.			

## SECTION 7: Precautions For Safe Handling & Use

### Steps to be taken in case material is released or spilled:

Contain spill by soaking up in inert absorbent material. Dispose of material per local, state, and federal regulations. Small quantities may be flushed to sanitary sewer.

### Waste disposal method:

Small quantities may be diluted with large quantities of water and flushed to sanitary sewers. Large quantities soak in absorbent material. Dispose in local land fill per local, state, and federal regulations. Presents no health hazard.

### Precautions to be taken in handling & storage:

Protect from extreme cold or heat. Store in a dry place.

### Other precautions:

None known.

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## SECTION 8: Control Measures

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<b>Respiratory Precautions (Specify Type)</b>	None known
<b>Ventilation</b>	<b>Local exhaust:</b> Not required <b>Mechanical:</b> Not required
<b>Protective Gloves</b>	Not required
<b>Eye Protection</b>	Not required but safety glasses recommended to avoid contact from splashing.
<b>Other Protective Clothing or Equipment</b>	None known.
<b>Work/Hygenic Practices</b>	Wash hands with soap and water after use.

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## ENVIRONMENTAL EVALUATION

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**EPA Superfund (SARA Title III) - Hazard classification & associated information:** Not hazardous.  
**EPA CERCLA/Superfund, 40 CFR 302 (Reportable Spill Quantity):** Not listed.  
**EPA SARA Title III, CFR 355 (Extremely Hazardous Substances):** Not listed.  
**EPA SARA Title III, 40 CFR 372 (List of Toxic Chemicals):** Not listed.

**Chemicals listed on following Chemical Inventories:**

**TOSCO:** Not listed.

**EPA - RCRA (Hazardous Waste), 40 CFR 261:** Not listed.

**California Proposition 65:** N/A

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