



**MATERIAL SAFETY DATA SHEET**

May be used to comply with OSHA's Hazard Communications Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**Product Name** Beneficial Bacteria for Ponds, Cold Water Beneficial Bacteria Sludge and Filter Cleaner, Wetland Pond and Lake Bacteria Revised 6/09  
**Product ID** 98886, 98887, 98888, 98885, 98892, 98893, 98894, 98895, 98897, 98889, 98890, 98891, 98883, 40002

**SECTION 1**      **PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Beneficial Bacteria for Ponds, Cold Water Beneficial Bacteria Sludge and Filter Cleaner, Wetland Pond and Lake Bacteria  
**SYNONYMS:** n/a  
**PRODUCT CODES:** 98886, 98887, 98888, 98885, 98892, 98893, 98894, 98895, 98897, 98889, 98890, 98891, 98883, 40002  
**MANUFACTURER:** Aquascape, Inc.  
**DIVISION:** n/a  
**ADDRESS:** 901 Aqualand Way, St. Charles, IL 60174  
**EMERGENCY PHONE:** 866-877-6637      **CANADA:** 866-766-3426  
**OTHER CALLS:** 630-659-2000      **FAX:** 630-659-2100  
**CHEMICAL NAME:** Bacterial Enzyme      **CHEMICAL FAMILY:** Bacterial  
**CHEMICAL FORMULA:** n/a  
**PREPARED BY:** Aquascape, Inc.

**SECTION 2**      **COMPOSITION/INFORMATION ON INGREDIENTS**

**HAZARDOUS INGREDIENTS**      None known.  
**COMPONENTS**      All ingredients not precisely identified are proprietary.

<b>OTHER INGREDIENTS:</b>	Faculative Bacteria	Water
<b>CAS NO.</b>	68920-42-3	7732-18-5
<b>% WT</b>	@	@
<b>OVER 3%</b>	yes	yes

**OSHA PEL:** none  
**ACGIH TLV:** n/a  
**SARA 313 REPORTABLE**      no

**SECTION 3****HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW:**

**Appearance:** Liquid  
**Odor:** Botanical

**POTENTIAL HEALTH EFFECTS**

**EYES:** Slight Irritation may  
**SKIN:** Slight Irritation may  
**INGESTION:** Excessive ingestion may cause nausea or gastrointestinal discomfort  
**INHALATION:** n/a  
**ACUTE AND CHRONIC HEALTH HAZARDS:** None known.  
**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known.

**CARCINOGENICITY**

**OSHA:** n/a  
**IARC:** n/a  
**ACGIH:** n/a  
**OTHER:** n/a  
**NTP:** n/a

**SECTION 4****FIRST AID MEASURES**

**EYES:** Flush eyes thoroughly with running water for 15 minutes while keeping the eyelids wide open.

**SKIN:** Wash the affected area thoroughly with soap and water.  
 Clean Clothing  
 Consult physician if redness or irritation persists.

**INGESTION:** Thoroughly rinse mouth with water  
 Drink plenty of fluids  
 Slight gastrointestinal discomfort may occur

**INHALATION:** n/a

**SECTION 5****FIRE-FIGHTING MEASURES**

**SUITABLE EXTINGUISHING MEDIA** any

**EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS** none

**SPECIAL EXPOSURE HAZARDS IN A FIRE** none  
**SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS** none  
**OTHER INFORMATION** none

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS** Follow protective measures provided in sections 5 and 8  
Keep away materials and products which are incompatible with product specified in section 10

**ENVIRONMENTAL PRECAUTIONS** Rinse spilled product to dilute areas of direct contact.  
**METHODS FOR CLEAN UP** Wear suitable clothing and protective equipment  
Recover or mop up excess material and reuse wherever possible.  
Absorb unusable product with suitable material and dispose of in accordance with Section 13.

## SECTION 7 HANDLING AND STORAGE

**HANDLING** Maintain good housekeeping practices  
Wash hands after use  
Avoid contact with potable water or food

**STORAGE** Keep in a dry place  
Keep away from direct sunlight  
Keep away from heat  
Keep away from incompatible products specified in section 10  
Keep only in the original container at temperature not exceeding 40C (104F)

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** n/a  
**VENTILATION:** n/a  
**RESPIRATORY PROTECTION:** none required  
**EYE PROTECTION:** ANSI approved safety glasses with side protection or goggles.  
**SKIN PROTECTION:** Wear suitable protective clothing  
**HYGIENIC PRACTICES:** Handle in accordance with good hygiene and safety practice.

**SECTION 9****PHYSICAL AND CHEMICAL PROPERTIES****GENERAL INFORMATION**

**APPEARANCE:** Liquid  
**ODOR:** Botanical

**IMPORTANT HEALTH SAFETY AND ENVIRONMENTAL INFORMATION**

**pH:** Range 6.8 - 7.8  
**BOILING POINT** 100C  
**FLASH POINT** not applicable  
**MELTING POINT** not applicable  
**FLAMMABILITY (SOLID, GAS)** non flammable  
**EXPLOSIVE PROPERTIES** non-explosive  
**VAPOR PRESSURE:** not applicable  
**VAPOR DENSITY:** not applicable  
**BULK DENSITY** n/a  
**EVAPORATION** not determined  
**SOLUBILITY IN WATER:** dispersible  
**DECOMPOSITION TEMPERATURE** not applicable  
**VISCOSITY:** Equivalent to water  
**SPECIFIC GRAVITY** 1.02

**SECTION 10****STABILITY AND REACTIVITY**

**STABILITY:** Stable under normal conditions of use.  
**CONDITIONS TO AVOID:** none  
**INCOMPATIBILITY (MATERIAL TO AVOID):** none  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** none known  
**HAZARDOUS POLYMERIZATION:** n/a  
**CONDITIONS TO AVOID:** Excessive heat and contamination of any kind

**SECTION 11****TOXICOLOGICAL INFORMATION****TOXICOLOGICAL DATA:**

**ACUTE ORAL TOXICITY** none known

**ACUTE INHALATION TOXICITY** none known

**ACUTE DERMAL IRRITATION/CORROSION** none known

**SKIN IRRITATION** none

**EYE IRRITATION** slight

**SENSITIZATION** none

**CHRONIC TOXICITY** n/a

**CHRONIC TOXICITY/ CARCINOGENIC DESIGNATION:** none known

## SECTION 12 ECOLOGICAL INFORMATION

**ECOTOXICITY EFFECTS:** none known  
**ACUTE TOXICITY:** none known  
**MOBILITY:** not applicable  
**PERSISTENCE AND DEGRADABILITY:** none known  
**BIOACCUMULATIVE POTENTIAL:** is not known to accumulate

## SECTION 13 DISPOSAL CONSIDERATIONS

**WASTE TREATMENT:** Dispose of within current local and state regulations. No special method required.  
**PACKAGING TREATMENT:** Consult federal, state, and local regulations regarding the proper disposal of emptied containers.  
**RCRA HAZARD CLASS:** n/a

## SECTION 14 TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION

**PROPER SHIPPING NAME:** Chemicals Not Otherwise Indexed (NOI) Not Hazardous  
**HAZARD CLASS:** Not Regulated  
**ID NUMBER:** n/a  
**LABEL STATEMENT:** none

### WATER TRANSPORTATION

**PROPER SHIPPING NAME:** Chemicals Not Otherwise Indexed (NOI) Not Hazardous  
**HAZARD CLASS:** Not Regulated  
**ID NUMBER:** n/a  
**LABEL STATEMENT:** none

**AIR TRANSPORTATION**

**PROPER SHIPPING** Chemicals Not                      Not Hazardous

**NAME:** Otherwise Indexed

**HAZARD CLASS:** Not Regulated

**ID NUMBER:** n/a

**LABEL** none

**SECTION 15**

**REGULATORY INFORMATION**

Preparation does not contain ingredients listed as a dangerous substance in Annex 1 of the EEC directive 67/548.

**SECTION 16**

**OTHER INFORMATION**

**KEEP OUT OF REACH OF CHILDREN**

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