



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, Pro Line Beneficial Bacteria, Pro Line Sludge Bacteria, Pond Starter Bacteria Revised 9/12
Product ID 30406, 30408, 40002, 40011, 98886, 98887, 98888, 98885, 98892, 98893, 98894, 98895, 98897, 98889, 98890, 98891, 98883, 96013, 96014, 96015

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, Pond Starter Bacteria
SYNONYMS: n/a
PRODUCT CODES: 30406, 30408, 40002, 40011, 98886, 98887, 98888, 98885, 98892, 98893, 98894, 98895, 98897, 98889, 98890, 98891, 98883, 96013, 96014, 96015
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.

OTHER INGREDIENTS:	Faculative Bacteria	Water
CAS NO.	68920-42-3	7732-18-5
% WT	@	@
OVER 3%	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 METHODS FOR CLEAN UP

Rinse spilled product to dilute areas of direct contact.

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 Chemicals Not
NAME: Otherwise Indexed
(NOI)
HAZARD CLASS: Not Regulated
ID NUMBER: n/a
LABEL none

Not Hazardous

AIR TRANSPORTATION

PROPER SHIPPING Chemicals Not
NAME: Otherwise Indexed
HAZARD CLASS: Not Regulated
ID NUMBER: n/a
LABEL none

Not Hazardous

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

Although the information and recommendations set forth in this sheet are believed to be correct as of the date hereof, Aquascape, Inc. makes no representation as to the completeness or accuracy of such information and recommendations. Aquascape, Inc. shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon such information and recommendations. You are encouraged to advise anyone working with or exposed to such products of the information contained herein.

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