



# 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  
Product ID 0590, 0591

Revised 07/14

## SECTION 1

### PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Beneficial Bacteria  
**SYNONYMS:** n/a  
**PRODUCT CODES:** 0590, 0591  
**MANUFACTURER:** SR Aquaristik  
**ADDRESS:** 902 S. Randall Rd. Suite C #308, St. Charles, IL 60174  
**EMERGENCY PHONE:** 630-524-4612  
**EMAIL CONTACT:** info@sraquaristik.com  
**CHEMICAL NAME:** Bacterial Enzyme      **CHEMICAL FAMILY:** Bacterial  
**CHEMICAL FORMULA:** n/a

## SECTION 2

### COMPOSITION/INFORMATION ON INGREDIENTS

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

<b>OTHER INGREDIENTS:</b>	Proprietary blend	Water
<b>CAS NO.</b>	n/a	68920-42-3
<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:** White Powder  
**Odor:** Earthy

#### POTENTIAL HEALTH EFFECTS

**EYES:** Slight Irritation may occur  
**SKIN:** Slight Irritation may occur  
**INGESTION:** Excessive ingestion may cause nausea or gastrointestinal discomfort

	<b>INHALATION:</b>	n/a
	<b>ACUTE AND CHRONIC HEALTH HAZARDS:</b>	None known.
	<b>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:</b>	None known.
<b>CARCINOGENICITY</b>	<b>OSHA:</b>	n/a
	<b>IARC:</b>	n/a
	<b>ACGIH:</b>	n/a
	<b>OTHER:</b>	n/a
	<b>NTP:</b>	n/a

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## SECTION 4 FIRST AID MEASURES

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<b>EYES:</b>	Flush eyes thoroughly with running water for 15 minutes while keeping the eyelids wide open.
<b>SKIN:</b>	Wash the affected area thoroughly with soap and water. Clean Clothing Consult physician if redness or irritation persists.
<b>INGESTION:</b>	Thoroughly rinse mouth with water Drink plenty of fluids Slight gastrointestinal discomfort may occur
<b>INHALATION:</b>	n/a

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## SECTION 5 FIRE-FIGHTING MEASURES

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<b>SUITABLE EXTINGUISHING MEDIA</b>	any
<b>EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS</b>	none
<b>SPECIAL EXPOSURE HAZARDS IN A FIRE</b>	none
<b>SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS</b>	none
<b>OTHER INFORMATION</b>	none

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## SECTION 6 ACCIDENTAL RELEASE MEASURES

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<b>PERSONAL PRECAUTIONS</b>	Follow protective measures provided in sections 5 and 8
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**ENVIRONMENTAL PRECAUTIONS  
METHODS FOR CLEAN UP**

Keep away materials and products which are incompatible with product specified in section 10  
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:** Wear suitable NIOSH approved dust masks or respiratory protector.

**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:** Grey Powder

**ODOR:** Earthy

**IMPORTANT HEALTH SAFETY AND ENVIRONMENTAL INFORMATION**

**pH:** Range 7.4 - 7.6

**BOILING POINT** not applicable

**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 RATE:** not determined

**SOLUBILITY IN WATER:** complete

DECOMPOSITION not applicable  
TEMPERATURE  
VISCOSITY: not applicable

## 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:** none  
**STATEMENT:**

**WATER TRANSPORTATION**

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

**AIR TRANSPORTATION**

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

**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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