



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 2187, 2188, 2194

Revised 08/12

SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Beneficial Bacteria
SYNONYMS: n/a
PRODUCT CODES: 2187, 2188, 2194
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.

OTHER INGREDIENTS:	Proprietary blend	Water
CAS NO.	n/a	7732-18-5
% WT	@	@
OVER 3%	No	yes

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

SECTION 3

HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Appearance: Red Liquid
Odor: Earthy

POTENTIAL HEALTH EFFECTS

EYES: Slight Irritation may occur
SKIN: Slight Irritation may occur
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
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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: 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: Clear Liquid
ODOR: Mild inoffensive odor

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 RATE: not determined
SOLUBILITY IN WATER: not applicable

DECOMPOSITION not applicable
TEMPERATURE
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: 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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