

Safety Data Sheet

Pond Biologics Bio-Shock™

Revision Date 2/14/2018

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers

Trade Name: Pond Biologics Bio-Shock™
 Synonyms: None
 Product Form: Powder

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product Description Treatment for common wastewater organics
 Application of the substance/mixture Reduction of BOD and TSS in low temperatures

1.3 Details of the supplier of the safety data sheet

Company Pond Biologics, LLC.
 P.O. Box 173
 Washington, MI 48094
 USA

Telephone: (844)766-3246

Emergency telephone number

Chemtrec 1.800.424.9300 or outside USA 1.703.527.3887

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

2.2 Label elements

GHS label elements Non-Regulated Material
 Pictogram: Non-Regulated Material
 Signal Word: Non-Regulated Material
 Hazard Statement(s): Non-Regulated Material
 Precautionary Statement(s): Non-Regulated Material

2.3 Classification System:

NFPA Rating (Scale 0-4)



HMIS Rating (Scale 0-4)



3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical characterization: Substances

C.A.S. No. Description
 Trade Secret

3.2 Additional Information

The specific chemical identity of the substance labeled as "Trade Secret" is considered to be proprietary and is withheld in accordance with the provisions of 29CFR1910.1200 Sect. (i) Trade Secrets.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: No special measures required.

In case of skin contact: Wash exposed area with soap and water. If irritation persists seek medical attention.

In case of eye contact: Check for and remove contact lenses. Rinse cautiously with water for several minutes. If irritation persists seek medical attention.

If Inhaled: Remove to fresh air.

If Ingested: May cause nausea or diarrhea, if symptoms persist consult a doctor.

4.2 Information for doctor

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed: No further relevant information available. Maintain good housekeeping practices.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use water, water spray, foam, carbon dioxide (CO₂), or dry powder.

Unsuitable extinguishing media: None

5.2 Special hazards arising from the substance or mixture: None

5.3 Special protective equipment for firefighters: No special protective equipment required.

5.4 Further Information

Flash Point (°C): Does not flash

Auto-ignition temperature (°C): Not applicable

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

No special precautions required. Wear adequate personal protective equipment.

6.3 Method and materials for clean up

Maintain good housekeeping practices. Can be washed away with water. No special disposal method required, except that it be in accordance with current local, state/provincial and federal regulations.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling: No special measures required.

7.2 Conditions for safe storage

Risks: Not at risk for corrosion, fire, explosion, or chemical reaction. No special instructions to minimize risks.

Place of storage: Store in a cool, dry space between 50-80⁰ F.

Fire/explosion protection: None needed.

7.3 Specific end user(s): No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Components with work place parameters: None.

Additional Information: The lists that were valid during the creation were used as basis.

8.2 Exposure controls

Engineering controls: Handle in accordance with good industrial hygiene and safety practice.

Personal Protective Equipment

Eye/face protection: Safety glasses are recommended.

Skin: Wear appropriate clothing for work

Hand: Disposable gloves are recommended

Respiratory protection: Respirator mask is recommended if prolonged exposure expected

Thermal protection: None.

Environmental exposure: None.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Form:	Powder
Color:	Light brown
Odor:	Natural, earthy smell
Solubility:	Highly soluble in water
pH-value:	Not determined
Melting point/Melting range:	Not determined
Boiling point/Boiling Range:	Not determined
Flash Point:	Not applicable
Flammability (solid, gaseous):	Product is not flammable
Ignition temperature	
Decomposition temperature:	Not determined
Auto igniting:	Not determined
Danger of explosion:	Product does not present and explosion hazard.
Explosion limits	
Lower:	Not determined
Upper:	Not determined
Vapor pressure:	Not applicable
Density	
Relative Density:	Not determined
Vapour Density:	Not applicable
Evaporation rate:	Not applicable
Partition coefficient (n-octanol/water):	Not determined
Viscosity	
Dynamic:	Not applicable
Kinematic:	Not applicable
Organic Solvents:	0.0%
Solid content:	100.0%

9.2 **Other information:** No further relevant information available.

10. STABILITY AND REACTIVITY

10.1	Reactivity:	None.
10.2	Chemical Stability:	Stable.
10.3	Possibility of hazardous reactions:	None
10.4	Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
10.5	Conditions to avoid:	No further relevant information available.
10.6	Incompatible materials:	Acids or alkalis may inactive bacteria
10.7	Hazardous decomposition products:	None

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:	No known effects
Skin corrosion/irritation:	No Known effects
Eye damage/irritation:	No known effects
Respiratory/skin sensitization:	No known effects

Additional toxicological information:

When used and handled according to specification, the product does not have any harmful effects according to our experience and the information provided to us. The substance is not subject to classification.

11.2 Carcinogenic Categories

IARC (International Agency for Research on Cancer)
Group 1 - Carcinogenic to humans
Group 2A - Probably carcinogenic to humans
Group 2B - Possible carcinogenic to humans
Group 3 - Carcinogenic to humans
Group 4 - Probably carcinogenic to humans
Substance is not listed
NTP (National Toxicology Program)
Substance is not listed
OSHA-Ca (Occupational Safety & Health Administration)
substance is not listed

12. ECOLOGICAL INFORMATION

12.1 Toxicity	
Aquatic Toxicity:	No further relevant information available
12.2 Persistence and degradability:	No further relevant information available
12.3 Bioaccumulative potential:	No further relevant information available
12.4 Mobility in soil:	No further relevant information available
12.5 Additional ecological information	
General Notes:	Not known to be hazardous to water
12.6 Results of PBT and vPvB assessment	
PBT:	Not applicable
vPvB:	Not applicable
Other adverse effects:	No further relevant information available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Product and packaging can be disposed of in regular trash. No special disposal method required. Follow all applicable local laws for recycling, bagging, and disposal of trash.
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14. TRANSPORTATION INFORMATION

14.1 UN- Number:	
DOT, ADR, AND, IMDG, IATA	Not-Regulated Material
14.2 UN proper shipping name:	
DOT, ADR, AND, IMDG, IATA	Not-Regulated Material
14.3 Transportation hazard class(s)	
DOT, ADR, AND, IMDG, IATA	
Class	Not-Regulated Material
14.4 Packing group	
DOT, ADR, AND, IMDG, IATA	Not-Regulated Material
14.5 Environmental hazards	

Marine Pollutant:	No
14.6 Special Precaution for user:	No applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 AD IBC Code:	No applicable
UN *Model Regulation*	No applicable

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

<i>Sara</i>	
Section 355 (extremely hazardous substances):	
Substance is not listed	
Section 313 (Specific toxic chemical listings):	
Substance is not listed	
TSCA (Toxic Substances Control Act):	
Substance is not listed	
Proposition 65	
Chemicals known to cause cancer:	
Substance is not listed	
Chemicals known to cause reproductive toxicity for females:	
substance is not listed	
Chemicals known to cause reproductive toxicity for males:	
Substance is not listed	
Chemicals known to cause developmental toxicity:	
Substance is not listed	
Carcinogenic Categories	
EPA (Environmental Protection Agency)	
Substance is not listed	
TLV (Threshold Limit Value established by ACGIH)	
Substance is not listed	
NIOSH-Ca (National Institute for Occupational Safety and Health)	
Substance is not listed	
GHS label elements	Non-Regulated Material
Hazard pictograms	Non-Regulated Material
Signal word	Non-Regulated Material
Hazard statements	Non-Regulated Material
National Regulations:	
Substance is not listed	
State Right to Know:	
Substance is not listed	
Chemical safety assessment: A Chemical Safety Assessment has not been carried out	

16. OTHER INFORMATION

The information and recommendation in this Safety Data Sheet are, to the best of our knowledge accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied and shall not establish a legally valid contractual relationship. We assume no responsibility for any loss, damage or expense direct or consequential arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.