



Safety Data Sheet

Vitastim Rebuild

Revision Date 1/29/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers

Product Name : Vitastim Rebuild
Synonyms : None
Product Form : Dry Powder

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

Identified uses : Builds new bacteria quickly after upset, or new plant startup

1.3 Details of the supplier of the safety data sheet

Company : Aquafix Inc.
2310 Daniels St.
Madison WI 53718
USA
Telephone: : +1 888-757-9577
Monday-Friday
7:30am-4:00pm CST

1.4 Emergency telephone number

Emergency Phone# : Chemtrec +1 800-424-9300

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin corrosion/irritation (Category 3)

Eye damage/irritation (Category 2B)

2.2 GHS Label elements, including precautionary statements

Pictogram : N/A
Signal Word : Warning
Hazard Statement(s) : May cause mild skin and eye irritation.
Precautionary Statement(s) : Avoid breathing dust/mist/vapor/spray. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Do not eat, drink, or smoke while handling.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous Components

Component	Cas-No.	Concentration %	OSHA PEL	ACGIH TLV
Bacteria Cultures	N/A	≤1%	15mg/m3(total)* 5mg/m3 (respirable)*	10 mg/m3*

*This TLV applies to nuisance particulates or particulates not otherwise regulated

Ingredients not precisely identified are proprietary or non-hazardous. Product formulation consists of listed materials, non-hazardous ingredients, and naturally occurring microorganisms.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Wear adequate personal protective equipment. If concerned consult a physician.

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 any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

If Inhaled

Remove to fresh air.

If Ingested

May cause nausea or diarrhea, drink plenty of water.

4.2 Most important symptoms and effects both acute and delayed

May cause serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

None known. If any symptoms persist, seek medical attention.

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

Wear special clothing and self-contained breathing apparatus.

5.4 Further Information

Flash Point (°C) : Does not flash

Autoignition temperature (°C) : Not applicable

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

No special precautions required. Wear adequate personal protective equipment.

None

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

Wear personal protection equipment.

7.2 Conditions for safe storage

Risks

Not at risk for corrosion, fire, explosion, or chemical reaction.

Place of storage

Store in a cool, dry space between 50-80°F.

Fire/explosion protection

None needed

7.3 Specific end use

None

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Components with work place parameters

None

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 : **Hand:** Handle with disposable gloves

Other: Wear appropriate clothing for work

Respiratory protection	:	Protective respirator mask is recommended
Thermal protection	:	None
Environmental exposure	:	None

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	:	Tan powder
Odor	:	Earthy smell
Solubility	:	Soluble in water
Boiling point	:	No data available
pH	:	7
Vapor density	:	No data available
Melting point	:	No data available
Vapor pressure	:	No data available
Specific Gravity	:	.5 gr/cc

9.2 Other information

None

10. STABILITY AND REACTIVITY

10.1 Reactivity	:	None
10.2 Chemical Stability	:	Stable
10.3 Possibility of hazardous reactions	:	None
10.4 Conditions to avoid	:	Avoid storing with incompatible materials
10.5 Incompatible materials	:	Strong acids or bases may inactivate bacteria
10.6 Hazardous decomposition products	:	None

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	:	No known effects
Skin corrosion/irritation	:	May cause mild skin irritation
Eye damage/irritation	:	May cause eye irritation
Respiratory/skin sensitization	:	No known effects, possible allergic sensitization
CMR (Carcinogenity, Mutagenicity, Reproductive toxicity)	:	No known effects

12.ECOLOGICAL INFORMATION

Test Species	Toxicity Value Type	Toxicity Value	Toxivity Value Units	Exposure
<i>Ceriodaphnia dubia</i>	LC50	637	mg/L	48 hours
<i>Pimephales promelas</i>	LC50	1464	mg/L	96 hours

- 12.1 Toxicity : No known information is available
12.2 Persistence and degradability : No known information is available
12.3 Biaacumulative potential : No known information is available
12.4 Mobility in soil : No known information is available
12.5 Results of PBT and vPvB assessment: No known ecological information is available

13.DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods
Dispose of product in accordance with federal, state and local regulations.

14.TRANSPORTATION INFORMATION

- 14.1 UN NUMBER : Not relevant
14.2 UN proper shipping name : Not relevant
14.3 Transportation hazard class : Not classified as dangerous
14.4 Packing group : Not relevant
14.5 Environmental hazards : None
14.6 Special precautions : None
14.7 Further Information : None

15.REGULATORY INFORMATION

Sara/Title III – CERCLA LIST of Hazardous Substances and Reportable Quantities (40CFR304.4): This product **does not** contain an ingredient(s) listed as a hazardous ingredient for Emergency Release Notification under section 304

Sara/Title III – List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 300 & 305): This product **does not** contain an ingredient(s) listed as an extremely hazardous substances (EHS) for Emergency Planning under sections 301-303 and for Emergency Release Notification under section 304.

Sara/Title III – List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372): This product **does not** contain an ingredient(s) listed as a toxic chemical for Annual Release Reporting Requirements under section 313.

16.OTHER INFORMATION

The information in this SDS was obtained from sources which we believe to be reliable. However, the information is provided without any warranty expressed or implied regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself.

This SDS was prepared and is to be used only for this product. No representation, warranty, or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness. 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.