



Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 04/18/2018

Reviewed on 04/18/2018

1 Identification

- **Product Identifier**
- **Trade Name:** Biofeed FS
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Treatment for common wastewater organics
- **Application of the substance / the mixture:** Biological, commercial, industrial and municipal wastewater treatment.
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
Bestechnologies, Inc.
7329 International Street
Sarasota, FL 34240
941-907-7788
- **Emergency telephone number:** 1-941-907-7788 or 941-776-0539

2 Hazard(s) Identification

- **Classification of the substance or mixture:**
The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) of §1910.1200(g) and GHS Rev 03.
- **Label elements:**
- **GHS label elements:** Non-Regulated Material
- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material
- **Unknown acute toxicity:** 0% of the mixture consists of component(s) of unknown toxicity.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 0
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 0
Fire = 0
Physical Hazard = 0

- **Hazard(s) not otherwise classified (HNOC):** None.

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3 Composition/Information on Ingredients

- **Chemical characterization:** None
- **Description:** Mixture of non-hazardous substances.
- **Dangerous Components:** None

4 First-Aid Measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** No adverse effects noted
- **After skin contact:** Wash with soap and water after removing contaminated clothing.
- **After eye contact:** Rinse with open eye for 15 minutes.
- **After swallowing:** Do not induce vomiting. Drink 2 large glasses of water. Seek medical attention if symptoms occur.
- **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.

5 Fire-Fighting Measures

- **Extinguishing media:** Not applicable (Non-combustible)
- **Suitable extinguishing agents:** Not Applicable
- **For safety reasons unsuitable extinguishing agents:** None.
- **Special hazards arising from the substance or mixture:**
- **Flammability as per USA Flame Projection Test:** Not applicable
- **Flash Point:** Not applicable
- **Flammable:** No

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** None
- **Methods and material for containment and cleaning up:** Sweep up powder. Clean area with a disinfectant.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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7 Handling and Storage

- **Handling**
- **Precautions for safe handling:** Keep out of reach of children.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities:** Do not store in an area exposed to prolonged temperature extremes. Keep container sealed when not in use. Keep away from moisture (water).
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in the original container.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s):** No further relevant information available.

8 Exposure Controls/Personal Protections

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
Normal exhaust is adequate. Wash hands after use.
- **Components with occupational exposure limits:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:**
The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment:** Gloves or Apron if desired
- **General protective and hygienic measures:**
- **Breathing equipment:** Not required.
- **Protection of hands:** If desired
- **Material of gloves:** Rubber, latex or nitrile gloves, if desired
- **Penetration time of glove material:** Not applicable.

9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Powder
Color:	Light brown, various colors of green
- **Odour:** Minimal petrichor odor
- **Odor threshold:** Not determined.
- **pH-value @ 20 °C (68 °F):** Not applicable.

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• **Change in condition**

Melting point/Melting range: Not determined.

Boiling point/Boiling range: Not determined.

• **Flash point:** None

• **Flammability (solid, gaseous):** Not determined.

• **Decomposition temperature:** Not determined.

• **Auto igniting:** Product is not self-igniting.

• **Danger of explosion:** Product does not present an explosion hazard.

• **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

• **Vapor pressure:** Not applicable.

• **Density:**

Relative density: Not determined.

Vapor density: Not applicable.

Evaporation rate: Not applicable.

• **Solubility in / Miscibility with:**

Water @ 20 °C (68 °F): 100%

• **Partition coefficient (n-octanol/water):** Not determined.

• **Viscosity:**

Dynamic: Not applicable.

Kinematic: Not applicable.

• **Solvent content:**

Organic solvents: 0.0 %

Solids content: 100.0 %

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

10 Stability and Reactivity

• **Reactivity:** No further relevant information available.

• **Chemical stability:** Stable

• **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

• **Possibility of hazardous reactions:** None.

• **Conditions to avoid:** No further relevant information available

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- **Incompatible materials:** None
- **Hazardous decomposition products:** Not applicable

11 Toxicological Information

- **Information on toxicological effects:**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** None
- **Primary irritant effect:**
- **On the skin:** May be an irritant.
- **On the eye:** May be a gastrointestinal irritant.
- **Additional toxicological information:** The product is not subject to classification according to internally approved calculation methods for preparations. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- **Carcinogenic categories:**
- **IARC (International Agency for Research on Cancer):**
None
- **NTP (National Toxicology Program):**
None
- **OSHA-Ca (Occupational Safety & Health Administration):**
None of the ingredients are listed.

12 Ecological Information

- **Toxicity:**
- **Aquatic toxicity:** None
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:** None
- **General notes:** Not hazardous to water.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

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13 Disposal Considerations

- **Waste treatment methods**
- **Recommendation:**
Rinse empty containers with water before disposing with household waste or sending to an authorized landfill.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport Information

- **UN-Number:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es):**
- **DOT, ADR/ADN, ADN, IMDG, IATA**
- **Class:** Non-Regulated Material
- **Packing group:** • **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**
- **Section 355 (extremely hazardous substances):** None
- **Section 313 (Specific toxic chemical listings):** None
- **TSCA (Toxic Substances Control Act):** None
- **California Proposition 65:**
- **Chemicals known to cause cancer:** None
- **Chemicals known to cause reproductive toxicity for females:** None
- **Chemicals known to cause reproductive toxicity for males:** None
- **Chemicals known to cause developmental toxicity:** None
- **Carcinogenic categories:**
- **EPA (Environmental Protection Agency):** None
- **TLV (Threshold Limit Value established by ACGIH):** None

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- **NIOSH-Ca (National Institute for Occupational Safety and Health):**None
- **GHS label elements:** Non-Regulated Material
- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material
- **National regulations:** None of the ingredients are listed.
- **Chemical safety assessment:** Not applicable.

16 Other Information

The information and recommendations 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. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

• **Date of preparation / last revision:** 04/17/2018

• **Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety & Health Administration

TLV: Threshold Limit Value PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit ·

*** Data compared to the previous version altered.**

SDS created by BESTechnologies, Inc

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1-941-907-7788