



Safety Data Sheet Odor Buf™ Wastewater Bioaugmentation Supplement

Section 1: Identification

1.1 PRODUCT IDENTIFIER:

Product Name: Odor Buf

Product Number: Not available

CAS Number: Not applicable

Synonyms: Bioaugmentation

Product Description: Wastewater
Bioaugmentation Supplement

Product Type: Dry powder

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE/MIXTURE AND USES ADVISED AGAINST:

Product Uses: Wastewater Bioaugmentation

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

Environmental Business Specialists, LLC

1930 Surgi Drive

Mandeville, LA USA 70448

E-mail: info@ebsbiowizard.com

Website: www.ebsbiowizard.com

1.4 EMERGENCY TELEPHONE NUMBERS:

Emergency Phone Number: (800) 424-9300
(CHEMTREC)

Company Phone Number: (985) 674-0660

Company Fax Number: (985) 674-3483

Section 2: Hazards Identification

2.1 CLASSIFICATION OF SUBSTANCE OR MIXTURE:

Acute Toxicity, Oral Category 4: Material is slightly toxic.

Acute Toxicity, Dermal Category 5: May cause irritation.

Acute Toxicity, Inhalation Category 3: May be slightly toxic.

2.2 LABEL ELEMENTS:

Signal Word: Warning.

Hazard Pictograms:



Hazard Statements: May cause slight irritation to eyes, skin, and respiratory system. Hazardous if ingested.

Precautionary Statement:

Prevention: Wear protective gloves. Wear eye and face protection.

Response: IF INGESTED, induce vomiting. Consult a physician promptly. IF ON SKIN OR CLOTHING, immediately flush skin with water. If irritation persists, seek medical attention. IF IN EYES, immediately flush eyes thoroughly with water for at least 15 minutes. If irritation persists, seek medical attention.

Storage: Keep out of extreme temperatures. Avoid flammable and reducing substances.

Disposal: Disposal is subject to federal, state, and local regulations.

2.3 OTHER HAZARDS:

Other Hazards That Do Not Result in Classification: Not applicable.

Section 3: Composition/Information on Ingredients

3.1 Ingredients are trade secret/proprietary.

Compound	CAS No.	Percentage
Sodium nitrate	7631-99-4	50%

Section 4: First Aid Measures

4.1 DESCRIPTION OF FIRST AID MEASURES:

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Examine and treat by medical personnel.

Skin Contact: Remove contaminated clothing and footwear. Wash material off the skin with plenty of soap and water. Wash clothing and footwear before reuse.

Inhalation: Remove victim to fresh air.

Ingestion: Induce vomiting and call poison control center immediately.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Potential Acute Health Effects

Eye Contact: Irritation.

Skin Contact: Irritation.

Inhalation: Slight hazard.

Ingestion: Material is toxic.

Over-Exposure Signs/Symptoms

Eye Contact: Adverse symptoms may include the following: pain or irritation, watering, redness.

Skin Contact: Adverse symptoms may include the following: irritation, redness.

Inhalation: Adverse symptoms may include the following: respiratory tract irritation, coughing.

Ingestion: Adverse symptoms may include the following: eye disturbances, deafness, speechlessness, convulsions.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Notes to Physician: Treat symptoms. Contact poison control center immediately if large quantities have been ingested.

Specific Treatments: No specific treatment.

Section 5: Firefighting Measures

5.1 EXTINGUISHING MEDIA:

Suitable Extinguishing Media: No special requirements; water and foam are suitable.

Unsuitable Extinguishing Media: All acceptable.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Hazards from the Substance or Mixture: No hazards exist.

Hazardous Combustion Products: Non-combustible. However, may cause ignition via contact with combustible substances.

5.3 ADVICE FOR FIREFIGHTERS:

Special Precautions for Firefighters: In event of fire, wear a NIOSH-approved self-contained breathing apparatus. Use water spray to keep containers cool.

Special Protective Equipment for Firefighters: NIOSH-approved self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Section 6: Accidental Release Measures

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:

For Non-Emergency Personnel: Wear approved respirator for nuisance dust during cleanup.

For Emergency Responders: Refer to section 5.3 for specialized equipment.

6.2 ENVIRONMENTAL PRECAUTIONS:

No special precautions.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Small Spills: For small spills, do not discharge into drains. Avoid ground water contamination.

Large Spills: For large spills, contain and collect for reuse.

Accidental: In case of accident or road spill notify CHEMTREC (800-424-9300).

Section 7: Handling and Storage

7.1 PRECAUTIONS FOR SAFE HANDLING:

Protective Measures: Prevent skin and eye contact.

Advice on General Occupational Hygiene: Wash hands thoroughly with soap and water after use.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES:

Keep Out of Reach of Children.

7.3 SPECIFIC END USE(S):

Recommendations: Keep in original container, tightly closed, and away from combustible substances.

Industrial Sector-Specific Solutions: Not available.

Section 8: Exposure Controls/Personal Protection

8.1 CONTROL PARAMETERS:

Occupational Exposure Limits: Minimize exposure in accordance with good hygiene practice.

8.2 EXPOSURE CONTROLS:

Appropriate Engineering Controls: None known.

Individual Protection Measures

Hygiene Measures: Minimize exposure in accordance with good hygiene practice.

Eye/Face Protection: Safety goggles required at all times.

Skin Protection

Hand Protection: Nitrile rubber gloves, over 0.11mm in thickness.

Body Protection: None required.

Respiratory Protection: Dusk mask.

Section 9: Physical and Chemical Properties

- 9.1 Physical State:** Powder
Color: Off white
Odor: Musty
Odor Threshold: Not available.
pH (typical): 6.0 to 9.0 @ 1% in water
Melting Point/Freezing Point: Not available.
Boiling Point: Not available.
Flash Point: Non-flammable.
Evaporation Rate: Not applicable.
Flammable Limits: Not applicable.
Burning Time: Not available.
Burning Rate: Not available.
- Upper/Lower Flammability/Explosive Limits:** Not available.
Vapor Pressure: Not available.
Vapor Density: Not available.
Density (lb/gal): Not available.
Solubility (ies): Dispersible in water
Partition Coefficient: n- octanol/water: Not available.
Auto-Ignition Temperature: Not available.
Decomposition Temperature: Not available.
Viscosity: Not available.
Specific Gravity (@ 60°F): 1.0 gram/cc

Section 10: Stability and Reactivity

- 10.1 REACTIVITY:** No specific reactivity data available for product or product ingredients.
- 10.2 CHEMICAL STABILITY:** Stable during normal use and storage.
- 10.3 POSSIBILITY OF HAZARDOUS REACTIONS:** Reacts with combustible reducing substances.
- 10.4 CONDITIONS TO AVOID:** Avoid extreme temperatures.
- 10.5 INCOMPATIBLE MATERIALS:** Strong acids or alkali compounds may inactivate cultures. Avoid combustible and reducing substances.
- 10.6 HAZARDOUS DECOMPOSITION PRODUCTS:** Nitrous oxide, sodium nitrite, sodium oxide.

Section 11: Toxicology Information

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

Acute Toxicity:

Product/Ingredient Name	Result	Species	Dose	Exposure
Odor Buf	N/A	N/A	N/A	N/A

Irritation/Corrosion:

Product/Ingredient Name	Result	Species	Dose	Exposure
Odor Buf	N/A	N/A	N/A	N/A

Sensitizer: Not available.

Mutagenicity: Present in high doses according to animal testing.

Carcinogenicity: Present in high doses according to animal testing.

Reproductive Toxicity: Present in high doses according to animal testing.

Teratogenicity: Not available.

Specific Target Organ Toxicity (Single Exposure): Not available.

Specific Target Organ Toxicity (Repeated Exposure): Not available.

Aspiration: Not available.

INFORMATION ON TOXICOLOGICAL EFFECTS: CONT'D

Likely Routes of Exposure: Routes of entry include oral, dermal, and inhalation.

Potential Acute Health Effects

Inhalation: May cause allergic response in susceptible or hypersensitive individuals upon repeated or prolonged exposure.

Ingestion: Can be toxic if ingested. Relative to other materials, this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach may develop.

Skin Contact: May cause slight irritation if prolonged exposure or if individual has a history of dermal allergic reaction.

Eye Contact: May cause irritation.

Symptoms Related to Physical, Chemical, and Toxicological Characteristics

Inhalation: Adverse symptoms may include nausea, vomiting, or headache.

Ingestion: Adverse symptoms may include nausea, vomiting, headache, diarrhea, or diuresis. Eye disturbances, deafness, speechlessness, convulsions.

Skin Contact: No specific data.

Eye Contact: Adverse symptoms may include pain, irritation, watering, or redness.

Delayed/Immediate Effects and Chronic Effects From Short and Long-Term Exposure

Short-term Exposure: Not available.

Long-term Exposure: Not available.

Potential Chronic Health Effects: Dizziness, convulsions, headache, cyanosis, rapid heart rate, shortness of breath.

Section 12: Ecological Information

12.1 Toxicity: No toxicity studies have been conducted on this product.

12.2 Persistence and Degradability: Not available.

12.3 Bioaccumulative Potential: Not available.

12.4 Mobility in Soil: Not available.

12.5 Results of PBT and vPvB Assessment: Not available.

12.6 Other Adverse Effects: Proper use and disposal should not cause a significant environmental impact. Slightly toxic to non-toxic based on the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) acute toxicity ratings.

Section 13: Disposal Considerations

13.1 Product

Methods of Disposal: Disposal of this product or product residues must be in accordance with all local, state, and federal regulations.

13.2 Packaging

Methods of Disposal: Rinse thoroughly and dispose according to local, state, and federal regulations.

Section 14: Transportation Information

D.O.T Proper Shipping Name: Chemicals not otherwise indexed [NOI], non-hazardous.

Hazard Class: Not applicable.

Section 15: Regulatory Information

OSHA: This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

TSCA: All intentional ingredients are listed on the TSCA inventory.

SARA: Not applicable.

CERCLA Reportable Quantity: Not applicable.

State of California, Proposition 65: No components of these products are listed under state of California Proposition 65 to cause cancer and birth defects or other reproductive harm.

Section 16: Other Information

NFPA 704: National Fire Protection Association

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard,
3 = severe hazard, 4 = extreme hazard



This product is a non-pressure, non-hazardous, non-flammable,
non-regulated, safe-handling dry product.

N/A = Not Available/Not Applicable

Issue Date: 6/1/2014

Expiration Date: 6/1/2017

Disclaimer: This SDS was prepared in accordance with ANSI guidelines based on available information. We provide this data sheet as a service to our customers and, in the event of an accident, to regulatory and enforcement agencies. We believe the information to be reliable. EBS provides no express or implied warranties as to the accuracy or use of this information.