



# BT-4500 (AFCO 8684)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Revision Date: 3/16/2016

Version: 1.0

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** BT-4500 (AFCO 8684)

**Product Code:** AFCO 8684

#### Intended Use of the Product:

**Use of the Substance/Mixture:** Wastewater applications.

#### Name, Address, and Telephone of the Responsible Party

##### **Company**

Alex C. Fergusson, LLC.  
800 Development Avenue  
Chambersburg, PA 17201  
T 800-345-1329  
[www.afcocare.com](http://www.afcocare.com)

#### Emergency Telephone Number

**Emergency number** : 1-800-424-9300 (CHEMTREC)

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

**Classification (GHS-US)**

Not classified.

#### Label Elements

**GHS-US Labeling**

No labeling required.

**Hazard Statements (GHS-US)** : None required

**Precautionary Statements (GHS-US)** : None required

#### Other Hazards

**Other Hazards Not Contributing to the Classification:** May aggravate those with respiratory allergy to Sea Kelp. Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Contaminated surfaces will be extremely slippery.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Substances** : Not applicable.

**Mixture:** Non-hazardous. Organic chemicals to enhance biological activity - Sea Plant extract.

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists. If breathing is difficult or allergic reaction or irritation develops, administer oxygen and get medical attention. Asthmatic type response with sensitive individuals may occur.

**Skin Contact:** Wash off with plenty of soap and water. Obtain medical attention if allergic reaction occurs.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

**Ingestion:** Get medical attention. Observe for 48 hours for possible allergic symptoms. May lead to nausea or diarrhea. Give two glasses water to dilute. Do not induce vomiting. Contact physician.

#### Most Important Symptoms and Effects Both Acute and Delayed

**General:** None under normal use.

**Inhalation:** None

**Skin Contact:** None

**Eye Contact:** None

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**Ingestion:** None

**Chronic Symptoms:** Not available

### **Indication of Any Immediate Medical Attention and Special Treatment Needed**

If exposed or concerned, get medical advice and attention.

## **SECTION 5: FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

**Suitable Extinguishing Media:** Water, water spray, foam.

**Unsuitable Extinguishing Media:** None

### **Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Not available

**Explosion Hazard:** None

**Reactivity:** When heated to decomposition, emits toxic fumes.

### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire. Wear self-contained breathing apparatus and protective suit. Use NIOSH/MSHA approved respiratory protection.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** None.

**Other information:** None available.

### **Reference to Other Sections**

Refer to section 9 for flammability properties.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Use appropriate personal protection equipment (PPE). No emergency results from spillage.

#### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** None

### **Environmental Precautions**

Prevent entry to sewers and public waters.

### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Prevent spilled material from entering drains.

**Methods for Cleaning Up:** Clean up spills promptly and dispose of waste safely. Shovel into suitable container for disposal. After cleaning, sweep or vacuum spilled material being careful not to create dust. Small spills may be flushed to water treatment sewer. For large spills, contain and collect for reuse.

### **Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection.

## **SECTION 7: HANDLING AND STORAGE**

### **Precautions for Safe Handling**

**Additional Hazards When Processed:** None available.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

### **Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Store in a cool, dry, safe place. Keep container closed. Wear respiratory protection if needed. Keep out of reach of children.

**Incompatible Materials:** None known.

**Special Rules on Packaging:** Keep only in original container.

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**Specific End Use(s):** Processing aid for industrial applications. For professional use only.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

#### Exposure Controls

**Appropriate Engineering Controls:** Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

**Personal Protective Equipment:** Protective goggles. Gloves.



**Materials for Protective Clothing:** None usually needed.

**Hand Protection:** PVC or other plastic material gloves.

**Eye Protection:** Safety goggles.

**Skin and Body Protection:** None usually needed.

**Respiratory Protection:** None usually needed.

**Other Information:** When using, do not eat, drink or smoke.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Dark green powder
Odor	: Mild-earthly, marine
Odor Threshold	: Not available
pH	: 6.5 - 7.5
Relative Evaporation Rate (butylacetate=1)	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: None
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 21 °C	: Not available
Relative Density (water=1.00)	: 0.6-0.8
Solubility	: Disperses in water
Partition coefficient: n-octanol/water	: Not available
Viscosity	: Not applicable
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

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### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Not available.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** None.

**Incompatible Materials:** None.

**Hazardous Decomposition Products:** None.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects - Product

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Not classified **pH:** 6.5-8.5

**Serious Eye Damage/Irritation:** Not classified. **pH:** 6.5-8.5

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not available

**Carcinogenicity:** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** May cause respiratory tract irritation.

**Symptoms/Injuries After Skin Contact:** None.

**Symptoms/Injuries After Eye Contact:** May cause irritation.

**Symptoms/Injuries After Ingestion:** Ingestion of large quantities may result in abdominal discomfort including nausea, vomiting, cramps and diarrhea.

#### Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:** Not available

### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity

**Ecology – General:** Minimal impact under normal conditions of use and storage.

**Aquatic Toxicity:** None known.

**Persistence and Degradability** Biodegradable.

**Bioaccumulative Potential** None known.

**Mobility in Soil** Not available

#### Other Adverse Effects

**Other Information-**Not available

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** No special disposal method. May be sewerred; compatible with all known biological treatment methods. Dispose of in accordance with local, state, and federal regulations.

**Ecology – Waste Materials:** Not established.

### SECTION 14: TRANSPORT INFORMATION

**14.1 In Accordance with DOT** : Not regulated for transport.

**14.2 In Accordance with IMDG** : Not regulated for transport.

**14.3 In Accordance with IATA** : Not regulated for transport.

**14.4 In Accordance with TDG** : Not regulated for transport.

### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

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<b>SARA Section 311/312 Hazard Classes</b>	NA
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Exempt from the United States TSCA (Toxic Substances Control Act) inventory	

**US State Regulations** None.

### Canadian Regulations

<b>BT-4500 (AFCO 8684)</b>	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

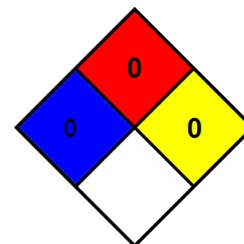
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision date** : 3/16/2016  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases:** None required.

**NFPA Health Hazard** : 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.  
**NFPA Fire Hazard** : 0 - Materials that will not burn.  
**NFPA Reactivity** : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



### HMIS III Rating

**Health** : 0 Minimal Hazard - No significant risk to health  
**Flammability** : 0 Minimal Hazard  
**Physical** : 0 Minimal Hazard

### Party Responsible for the Preparation of This Document

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

North America GHS US 2012 & WHMIS 2