



## Material Safety Data Sheet CarboBOOST™

### Proprietary Bacterial Growth Substrate

## Section 1: Identification

### 1.1 PRODUCT IDENTIFIER:

**Product Name:** CarboBOOST  
**Product Number:** Not available  
**CAS Number:** Not applicable  
**Synonyms:** Proprietary bacterial growth substrate  
**Product Description:** Wastewater proprietary bacterial growth substrate  
**Product Type:** Liquid

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

**Product Uses:** Proprietary bacterial growth substrate

### 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 NUMBER/S:

**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:** Not available.  
**Hazard Pictograms:**



**Hazard Statements:** May cause slight irritation to eyes, skin, respiratory system, and digestive tract.

#### Precautionary Statement:

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

**Response:** IF INGESTED, give large quantities of water to dilute. 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 strong acids, alkali compounds, and oxides of carbon and nitrogen. Avoid the following: Acetic anhydride, Calcium hypochlorite, Chromic anhydride, Chromium oxide, Potassium permanganate, Potassium peroxide, Sodium peroxide, zinc, copper, and aluminum.

**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 Compound	Percent	CAS No.
Glycerine	40-60%	56-81-5
Water	20-40%	7732-18-5
Proprietary nutrient blend	10-20%	

Contains no hazardous components as listed in 29 CFR 1900.1000 or other pertinent sections of OSHA regulations.

## 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:** Studies have shown that Glycerine has toxic effects on kidneys at very high doses. May lead to nausea or diarrhea. Drink water to dilute. Call poison control center. Induce vomiting only if advised by physician or poison control center.

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

#### Potential Acute Health Effects

**Eye Contact:** Slight irritation.

**Skin Contact:** Skin irritation.

**Inhalation:** Slight hazard.

**Ingestion:** Material is slightly 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:** Not considered an inhalation hazard.

**Ingestion:** Adverse symptoms may include the following: nausea, diarrhea, and diuresis.

### 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: Fire Fighting Measures

### 5.1 EXTINGUISHING MEDIA:

**Suitable Extinguishing Media:** Dry chemical, alcohol foam, water.

**Unsuitable Extinguishing Media:** None known.

### 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

**Hazards from the Substance or Mixture:** No hazards exist.

**Hazardous Combustion Products:** None known.

### 5.3 ADVICE FOR FIREFIGHTERS:

**Special Precautions for Firefighters:** Use equipment suitable for ordinary combustible material. Product contains a large amount of water and would not normally burn.

**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:** Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed.

**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:

**Spills:** Stop spill at source and dike spill area to prevent spreading. Pump liquid to salvage tank. Remaining liquid may be absorbed on absorbent material and shoveled into containers.

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

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## Section 7: Handling and Storage

### 7.1 PRECAUTIONS FOR SAFE HANDLING:

**Protective Measures:** Exercise caution when handling container contents. Wash hands thoroughly with soap and water after use. Use mechanical means to move large and/or heavy objects to help prevent back injuries when possible.

**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.**

Keep in closed or covered containers when not in use. Store in cool, dry place with adequate ventilation. Product may release vapors or fumes in container head space. Exercise care to eliminate sparks or flames in presence of fumes. Do not store near heat or open flame.

### 7.3 SPECIFIC END USE(S):

**Recommendations:** Not available.

**Industrial Sector-Specific Solutions:** Not available.

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## 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 glasses or goggles are recommended.

**Skin Protection**

**Hand Protection:** None required.

**Body Protection:** None required.

**Respiratory Protection:** None required under normal use.

## Section 9: Physical and Chemical Properties

- 9.1 Physical State:** Liquid  
**Color:** Brown  
**Odor:** Sweet and musty  
**Odor Threshold:** Not available.  
**pH (typical):** 6.0 - 6.5.  
**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.  
**Explosive Properties:** Not available.  
**Oxidizing Properties:** Not available.  
**Specific Gravity (@ 77°F):** 1.1-1.2 grams/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:** Will not occur.  
**10.4 CONDITIONS TO AVOID:** Avoid extreme temperatures.  
**10.5 INCOMPATIBLE MATERIALS:** Acetic anhydride, Calcium hypochlorite, Chromic anhydride, Chromium oxide, Potassium permanganate, Potassium peroxide, Sodium peroxide.  
**10.6 HAZARDOUS DECOMPOSITION PRODUCTS:** Not available.

## Section 11: Toxicology Information

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

#### Acute Toxicity:

Product/Ingredient Name	Result	Species	Dose	Exposure
CarboBOOST	N/A	N/A	N/A	N/A

#### Irritation/Corrosion:

Product/Ingredient Name	Result	Species	Dose	Exposure
CarboBOOST	N/A	N/A	N/A	N/A

**Sensitizer:** Not available.

**Mutagenicity:** None known.

**Carcinogenicity:** Not available.

**Reproductive Toxicity:** Not available.

**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:** May lead to nausea or diarrhea. Relative to other materials, this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach may develop following ingestion.

**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.

**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:** Not available.

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## 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.

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## Section 13: Disposal Considerations

### **13.1 Product**

**Methods of Disposal:** Incineration is the recommended disposal method for all chemical waste. Although material may be land filled in accordance with all applicable regulations. This product, if disposed of, is not considered hazardous waste under current regulations.

### Packaging

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

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## 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

**TSCA:** Not applicable.

**SARA:** Not applicable.

**CERCLA Reportable Quantity:** Not applicable.

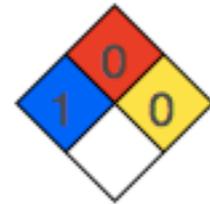
**State of California, Proposition 65:** Not applicable.

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## 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

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**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.