



Safety Data Sheet

NitriFire™

Concentrated Nitrifier Blend

Section 1 - Identification

Product Name: NitriFire™

Product Use: Concentrated Nitrifier Blend

Product Description: Concentrated Nitrifier Blend
for Wastewater Treatment

Supplier Details:

Environmental Business Specialists, LLC

1930 Surgi Drive

Mandeville, LA USA 70448

E-mail: info@ebsbiowizard.com

Website: www.ebsbiowizard.com

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Emergency Numbers:

Chemtrec: 800-424-9300

Phone: 985-674-0660

Fax: 985-674-3483

Section 2 - Hazard(s) Identification

GHS Classification(s):

Not classified under GHS.

Signal Word: None

Hazard Statements: Not a hazardous substance or mixture.

Precautionary Statements:

P102 Keep out of reach of children.

P233 Keep container tightly closed.

P264 Wash thoroughly after handling.

Other hazard information:

Physical/Chemical Hazards: No additional hazards

Health Hazards: Contact with eyes may produce irritation and infection. May produce gastric distress upon ingestion.

Environmental Hazards: No additional hazards

Section 3 - Composition/Information on Ingredients

NitriFire™ is a concentrated non-pathogenic, non-toxic nitrifying bacteria. All bacteria strains in this product are on the Canadian DSL approved list.

Component	CAS#	% by Wt.
Nitrifying Bacteria		100%

Section 4 - First Aid Measures

Inhalation: If inhaled, remove from area to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical attention. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

Skin Contact: In case of contact, remove contaminated clothing and shoes. Wash contact areas thoroughly with soap and water. Do not allow material to contact open wounds. If such contact occurs, wash with soap and water and apply a superficial disinfectant. Launder contaminated clothing before reuse. If irritation develops and persists, seek medical attention.

Eye Contact: In case of contact, do not rub eyes. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation develops and persists, seek medical attention.

Ingestion: If ingested, remove material from mouth and rinse with water. If victim is conscious and alert, give water or milk to dilute. Do not induce vomiting, unless directed by medical personnel. If gastric distress develops, seek medical attention.

Section 5 - Fire Fighting Measures

General Information: This material is not considered flammable or combustible.

Suitable Extinguishing Media: Water mist, dry chemical, carbon dioxide (CO₂), or alcohol foam.

Unsuitable Extinguishing Media: None known.

Specific Hazards in case of fire: None known.

Special Protective Equipment and Precaution for Fire Fighters: Full protective clothing and approved self-contained breathing apparatus required for firefighting personnel.

Section 6 - Accidental Release Measures

Personal Precautions: Minimize contact with material. Wear appropriate personal protection equipment (see section 8). Spilled material may cause a slipping hazard.

Environmental Precautions: None known.

Methods and Materials for Containment and Cleaning Up: Ventilate area. Isolate and contain spill. For small spills, dilute material with water. Flush diluted material to sewer.

Section 7 - Handling and Storage

Precautions for safe handling: Minimize contact with the material. Wash thoroughly after handling. Wear appropriate personal protection equipment (see section 8).

Conditions for safe storage, including incompatibilities: Store in a cool place. Keep away from strong acids and bases.

Section 8 - Exposure Control/Personal Protection

Ventilation: Use general mechanical ventilation to keep airborne levels minimal.

Respiratory protection: If ventilation is inadequate or user generates mist, use a MSHA/NIOSH certified respirator approved for mist.

Eye protection: Safety glasses with side-shields or chemical splash goggles.

Skin protection: Gloves (rubber or equivalent).

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Color: Brown-red, turbid liquid

Odor: Pungent odor

Odor Threshold: Not determined..

pH: 7.0 - 8.0

Melting Point/Freezing Point: Not determined.

Boiling Point: Not determined.

Flash Point: Not determined.

Evaporation Rate: Not determined..

Flammable Limits: Not determined.

Burning Time: Not determined.

Burning Rate: Not determined.

Upper/Lower Flammability/Explosive Limits: Not determined.

Vapor Pressure: Not determined.

Vapor Density: Not determined.

Relative Density: 8.41 lb/gal

Solubility in Water: Soluble

Partition Coefficient (n- octanol/water): Not determined.

Auto-Ignition Temperature: Not determined.

Decomposition Temperature: Not determined.

Viscosity: Not determined.

Specific Gravity: 1.012

Section 10 - Stability and Reactivity

Chemical Stability: Product is stable under recommended conditions of use and storage.

Possibility of hazardous reactions: None known.

Conditions to avoid: Excessive heat and/or cold.

Materials to avoid: Bactericides, oxidizers, and chlorine.

Hazardous Decomposition Products: None known.

Section 11 - Toxicological Information

Routes of Exposure: Ingestion, skin contact, and eye contact.

Acute Toxicity: No data available.

Subchronic/Chronic Toxicity: Prolonged and/or repeated exposure to aerosols may produce an allergic response. Prolonged and/or repeated exposure to skin and/or eyes may produce irritation.

Section 12 - Ecological Information

Persistence and degradability: No data available.

Bio-accumulative potential: No data available.

Mobility: No data available.

Aquatic Toxicity:

Test	Result	Species	Dose	Exposure
Toxicity	No data available			

Section 13 - Disposal Considerations

Hazardous Waste Number: Not available.

Disposal Method: Dispose of in accordance with all local, state and federal regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied.

Section 14 - Transport Information

US DOT: Not regulated.

TDG: Not regulated.

IATA: Not regulated.

IMDG: Not regulated.

Section 15 - Regulatory Information

TSCA: All components of this product are listed on the TSCA Inventory or are exempt from TSCA Inventory requirements.

SARA Title III Section 311/312 Category Hazards:

Immediate (Acute)	Delayed (Chronic)	Fire Hazard	Pressure Release	Reactive
No	No	No	No	No

Regulated Components:

Component	CAS #	CERCLA RQ	SARA EHS	SARA 313	Prop 65
No components found.					

DSL: Bacteria are DSL approved.

Section 16 - Other Information

Hazard Rating System	Health	Flammability	Reactivity
	1	1	0

NFPA Rating System	Health	Flammability	Reactivity	Special Hazard
	1	1	0	None

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