



BioAug Quat Block-B (AFCO 9227)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: 04/10/2025

Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: BioAug Quat Block-B

Product Code: AFCO 9227

Intended Use of the Product

Use of the Substance/Mixture: Wastewater treatment. For professional use only.

Name, Address, and Telephone of the Responsible Party

Company

AFCO

550 Development Avenue

Chambersburg, PA 17201

T: 800-345-1329

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 hazardous pursuant to 29 CFR 1910.1200.

Label Elements

Signal Word (GHS-US) : None.

Hazard Statements (GHS-US) : None.

Precautionary Statements (GHS-US) : P103 - Read label before use.

P280 - Wear protective glove, protective clothing, eye protection, face protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a POISON CENTER/doctor/physician if you feel unwell.

P321 - Specific treatment (see section 4).

P363 - Wash contaminated clothing before reuse.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P501 - Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulations.

Other Hazards

Other Hazards: None known.

Unknown Acute Toxicity (GHS-US): Not available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS #	Weight %
Proprietary ingredients	Proprietary	20–30
Non-hazardous substances	Proprietary	>70

The exact percentage of composition are withheld as a trade secret [29 CFR § [1910.1200 App E](#)].

Full text of H-phrases: see section 16.

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).

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Inhalation: If inhaled, move victim to fresh air. Seek emergency medical attention if breathing is difficult; perform artificial respiration if breathing stops.

Skin Contact: Immediately remove all contaminated clothing. Rinse with copious amounts of water; use an emergency shower if available. Wash contaminated clothing before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally to ensure complete rinsing. Remove contact lenses if present and easy to do, then resume rinsing. Get medical attention immediately.

Ingestion: If swallowed, DO NOT induce vomiting. Do not give anything by mouth unless instructed to do so by a poison center or health care provider.

Indication of Any Immediate Medical Attention and Special Treatment Needed

No specific information—treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for the surrounding fire.

Unsuitable Extinguishing Media: No information available.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not flammable.

Explosion Hazard: Product is not explosive.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Protection During Firefighting: Stay upwind of the fire. Full protective equipment including self-contained breathing apparatus should be used. Use water to cool closed containers. Contain water runoff if possible.

Hazardous Combustion Products: Combustion may produce toxic gases. Carbon monoxide.

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: Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Wash hands thoroughly after handling.

For Non-Emergency Personnel

Protective Equipment: Do not touch spilled material without proper PPE. Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate the area of all non-essential personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate the area and mitigate further release if it is safe to do so.

Environmental Precautions

None.

Methods and Material for Containment and Cleaning Up

Small Spill: Contain spill and soak up with an inert absorbent material and place residues in a properly labeled container for disposal. Avoid discharge into sewer or surface water.

Large Spill: Contain spill using trenches, diking, or absorption with an inert material (i.e. sand or earth). Reclaim spilled material into recovery or salvage drums or tank truck for proper disposal.

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: Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Wash hands thoroughly after handling.

Hygiene Measures: All materials should be handled under good housekeeping practices. Wash hands after use. Wear gloves if exposure is prolonged. Care should be taken to ensure product is not introduced to drinking water or foodstuffs. Store container in a dry and cool place.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

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Storage Conditions: Store in a cool, dry, well-ventilated area. Keep away from extreme temperatures and incompatible materials. Keep containers tightly closed when not in use.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Specific End Use(s): Wastewater treatment. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

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

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment: Protective goggles. Gloves. Protective clothing.



Materials for Protective Clothing: Chemical-resistant materials.

Hand Protection: Gloves recommended.

Eye Protection: Chemical splash goggles.

Skin and Body Protection: Chemical-resistant gloves and body-covering clothing.

Respiratory Protection: Respiratory protection is not normally required. A respirator is recommended if significant mists, vapors, or aerosols are generated.

Other Information: Do not eat, drink, or smoke while handling this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Appearance	: Opaque gray slurry.
Odor	: None.
Odor Threshold	: No information available.
pH	: 6.0 – 8.0
Relative Evaporation Rate (butylacetate=1)	: No information available.
Melting Point	: No information available.
Freezing Point	: No information available.
Boiling Point	: No information available.
Flash Point	: No information available.
Auto-ignition Temperature	: No information available.
Decomposition Temperature	: No information available.
Flammability (solid, gas)	: No information available.
Lower Flammable Limit	: No information available.
Upper Flammable Limit	: No information available.
Vapor Pressure	: No information available.
Relative Vapor Density at 20°C	: No information available.
Specific Gravity	: 1.30 – 1.70
Solubility	: No information available.
Partition coefficient: n-octanol/water	: No information available.
Viscosity	: No information available.

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SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of storage and handling.

Possibility of Hazardous Reactions: Polymerization will not occur.

Conditions to Avoid: Extreme temperatures, incompatibilities.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Hazardous Decomposition Products: No known non-thermal decomposition hazards.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not classified.

LD50 and LC50 Data: Not available.

Skin Corrosion/Irritation: Not available.

Serious Eye Damage/Irritation: Not available.

Respiratory or Skin Sensitization: No information available.

Mutagenicity: No information available.

Teratogenicity: Component bacteria are non-pathogenic and generally regarded as safe.

Carcinogenicity: No components have been identified as carcinogenic by OSHA, NTP, or IARC.

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

Reproductive Toxicity: No information available.

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

Aspiration Hazard: Not classified.

Acute Symptoms/Injuries After Inhalation: Upper respiratory irritation with or without cough, watering of eyes, and postnasal drip.

Acute Symptoms/Injuries After Skin Contact: Skin irritation with or without pain, burning, itching, redness, and swelling. Symptoms may be exacerbated by open wounds, excoriations, rashes, or other skin breaches.

Acute Symptoms/Injuries After Eye Contact: Eye irritation with or without pain, burning, itching, redness, and discharge.

Acute Symptoms/Injuries After Ingestion: Gastrointestinal distress with or without nausea, vomiting, and diarrhea.

Chronic: No information available.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data: N/A.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity No information available.

Persistence and Degradability

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Persistence and Degradability	No information available.

Bioaccumulative Potential

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Other Adverse Effects

Other Information: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Sewage Disposal Recommendations: Dispose of in accordance with federal, state, and local regulations.

Waste Disposal Recommendations: Discarded product, as sold, would not be considered a RCRA Hazardous Waste.

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

BioAug Quat Block-B (AFCO 9227)	
Not hazardous pursuant to 29 CFR 1910.1200.	

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TSCA

The ingredients of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

US Federal Regulations: None.

US State Regulations: None.

Canadian Regulations: None.

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

Revision date : 04/10/2025

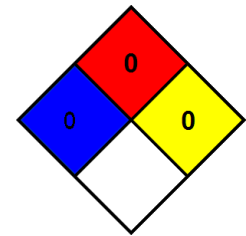
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases : None.

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

AFCO
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Chambersburg, PA 17201
T: 800-345-1329

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 SDS 2015 (U.S., Can., Mex.)

Disclosure:

The information contained in this Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy of completeness of this information and any recommendations or suggestions, are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this product.