

SAFETY DATA SHEET

I. IDENTIFICATION

Identity: BioPlex Root to Shoot Bud to
Bloom 10-20-30 + Micros

Date Revised: 12/21/23

Product Use: Fertilizer
Manufactured by: BioPlex Organics
114 Manheim St.
Mount Joy, PA 17552

Phone #: 800-441-3573
Emergency Phone #:

II. HAZARDS IDENTIFICATION

OSHA/HSC Status While this material is not considered hazardous by the OSHA Hazard Communications Standard (29 CFR 1910.1200), this Safety Data Sheet contains valuable information critical to the safe handling and proper use of the product. This Safety Data Sheet should be retained and available for employees and other users of the product.

Classification of the substance or mixture: Eye Irritant 2B (H320) STOT SE 3 (H335)

Signal word: None

III. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS-No.</u>
Potassium Nitrate	7757-79-1
Mono Potassium Phosphate	7778-77-0
Mono Ammonium Phosphate	

IV. FIRST-AID MEASURES

Route(s) of Entry:

Inhalation: See Below

Skin: See Below

Ingestion: See Below

Carcinogenicity: N/A

NTP: N/A

IARC Monographs: N/A

OSHA Regulated: N/A

Signs and Symptoms of Exposure: N/A

Medical Conditions Generally Aggravated by Exposure: None Known

Emergency and First Aid Procedures: Eye contact – Remove any contact lenses. While keeping the eyelids open, rinse with water for at least 10 minutes. Immediately seek medical attention or call poison center. Skin contact - wash with soap and water.

Inhalation

- remove to fresh air.

V. FIRE-FIGHTING MEASURES

Flash Point: No Information

Flammable Limits: N/A

Extinguishing Media: Water fog, Foam, CO₂ or Dry Chemical

Special Fire Fighting Procedures: None Known

Unusual Fire and Explosion Hazards: Decomposes at extremely high temperatures.

VI. ACCIDENTAL RELEASE MEASURES

Method: Can be swept, shoveled, or vacuumed into containers if material is released or spilled.

VII. HANDLING AND STORAGE

Handling: Use NIOSH approved respiratory protection if conditions warrant.
Wear gloves and eye protection as needed to prevent skin and eye contact.
Storage: Store under dry conditions. Keep out of reach of pets and children.

VIII. CONTROL MEASURES

Respiratory Protection: Use NIOSH approved respiratory protection if conditions warrant.
Ventilation: N/A *Protective Gloves:* Recommended *Eye Protection:* Recommended
Other Protective Clothing or Equipment: N/A *Work/Hygienic Practices:* N/A

IX. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N/A *Specific Gravity:* N/A
Vapor Pressure: N/A *Melting Point:* N/A
Vapor Density: N/A *Evaporation Rate:* N/A
Solubility in Water: Partially dissolves in water
Appearance and Odor: Light brown granule with slight earthy odor

X. STABILITY AND REACTIVITY

Stability: Stable in normal usage and storage
Incompatibility (Materials to Avoid): None Known
Hazardous Decomposition or Byproducts: None Known
Hazardous Polymerization: Will Not Occur

XI. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, eye and skin contact
Acute symptoms and effects: Dust may be irritating

XII. ECOLOGICAL INFORMATION

Do not apply near water, storm drains, and drainage ditches, or if heavy rain is expected.

XIII. DISPOSAL CONSIDERATIONS

Dispose of in accordance with applicable local, state and federal regulations.

XIV. TRANSPORT INFORMATION

General: Non-hazardous material according to transport regulations. No special precautions are necessary.

XV. REGULATORY INFORMATION

Fertilizer law is enforced by each separate State government.

XVI. OTHER INFORMATION AND COMMENTS

The information in this Safety Data Sheet is believed to accurately reflect the scientific evidence used in making the hazard determination. It is considered only as a guide, and not a warranty or representation for which we assume legal responsibility. Independent decisions must be made on the suitability and use of this product dependent on variable storage conditions or locally applicable laws or government regulations. The buyer and user assumes all risk and liability of storage conditions or locally applicable laws or government relations. The buyer and user assumes all risk and liability of storage, handling, and use of this product not in accordance with the terms of the product label

