

# SAFETY DATA SHEET

## I. IDENTIFICATION

*Identity:* BioPlex BioCHAR BIO's plus  
PGIR

*Date Revised:* 11/18

*Product Use:* Soil Amendment  
*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:* Not Classified

*Signal word:* None

## III. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS-No.</u>
Compost	N/A
Biochar	N/A
Diatomaceous Earth	91053-39-3
Kelp Meal	84775-78-0
Leonardite	1415-93-6
Attapulgite-Type Clay	12174-11-7
Quartz (Respirable <0.1%)	14808-60-7
Thiamine	67-03-8
Proprietary-Other Ingredients	Trade Secret

## IV. FIRST-AID MEASURES

*Route(s) of Entry:*

*Inhalation:* See Below

*Skin:* See Below

*Ingestion:* No Information

*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 - flush with water. 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, CO<sub>2</sub> 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.