

**Hi-N 11-0-5****SECTION 1. IDENTIFICATION**

<b>Product Identifier</b>	Hi-N 11-0-5
<b>Other Means of Identification</b>	11-0-5
<b>Product Family</b>	Organic
<b>Manufacturer/Supplier Identifier</b>	BioFert Manufacturing Inc., 464 Riverside Road, Abbotsford, BC, V2S 7M1
<b>Supplier Identifier</b>	BioFert Manufacturing Inc., 464 Riverside Road, Abbotsford, BC, V2S 7M1
<b>Emergency Phone No.</b>	CANUTEC, In the event of an emergency involving dangerous goods, call 613-996-6666 or *666 on a cellular phone.
<b>SDS No.</b>	0786
<b>Date of Preparation</b>	March 24, 2021

**SECTION 2. HAZARD IDENTIFICATION****Classification**

Not classified under any hazard class.

**Label Elements**

Not applicable

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Contains no hazardous ingredients. Mixture:

**SECTION 4. FIRST-AID MEASURES****First-aid Measures****Inhalation**

Provide fresh air.

**Skin Contact**

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

**Eye Contact**

Rinse immediately carefully and thoroughly with eye-bath or water.

**Ingestion**

Rinse mouth with water.

**SECTION 5. FIRE-FIGHTING MEASURES****Extinguishing Media****Suitable Extinguishing Media**

Co-ordinate fire-fighting measures to the fire surroundings.

### Specific Hazards Arising from the Product

Non-flammable. In case of fire may be liberated: Nitrogen.

### Special Protective Equipment and Precautions for Fire-fighters

In case of fire: Wear self-contained breathing apparatus.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Avoid generation of dust. Do not breathe dust.

### Environmental Precautions

Do not allow to enter into surface water or drains. Do not allow to enter into surface water or drains.

### Methods and Materials for Containment and Cleaning Up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

No special fire protection measures are necessary.

### Conditions for Safe Storage

Keep container tightly closed. (at room temperature) Keep container tightly closed and dry.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

To date, no national critical limit values exist.

### Individual Protection Measures

#### Eye/Face Protection

Wear eye/face protection.

#### Skin Protection

Wear suitable protective clothing.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable material: Butyl caoutchouc (butyl rubber).

#### Respiratory Protection

In case of inadequate ventilation wear respiratory protection.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Dark brown - black granules. Absorbs moisture from the air. Particle Size: Particle size ( $\mu$ m): 200 - 400
<b>pH</b>	Not applicable
<b>Melting Point/Freezing Point</b>	Not available (melting)
<b>Flash Point</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Solubility</b>	Not applicable (in other liquids)
<b>Auto-ignition Temperature</b>	Not applicable

### Other Information

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## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

The product is stable under storage at normal ambient temperatures.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

None known.

### Incompatible Materials

None known.

### Hazardous Decomposition Products

In case of fire may be liberated: Nitrogen.

## SECTION 11. TOXICOLOGICAL INFORMATION

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]. This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not: Ecotoxic.

### Persistence and Degradability

Chemical oxygen demand (COD) (mgO<sub>2</sub>/g ds): 550 Biochemical oxygen demand (BOD) (mgO<sub>2</sub>/g ds): 500.

### Bioaccumulative Potential

The product has not been tested.

### Mobility in Soil

The product has not been tested.

### Other Adverse Effects

Avoid release to the environment.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation. Wash with plenty of water. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

**Special Precautions** Not applicable

### Transport in Bulk according to International Maritime Organization Instruments

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

National regulatory information

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Water contaminating class (D): 1 - slightly water contaminating.

## SECTION 16. OTHER INFORMATION

**SDS Prepared By** Regulatory and Technical Resources

**Phone No.** 604-864-9044

**Date of Preparation** March 24, 2021

**Date of Last Revision** March 24, 2021

**Key to Abbreviations** ACGIH® = American Conference of Governmental Industrial Hygienists  
AIHA® = AIHA® Guideline Foundation HSDB® = Hazardous Substances Data Bank  
IARC = International Agency for Research on Cancer  
NFPA = National Fire Protection Association NIOSH = National Institute for Occupational Safety and Health  
NTP = National Toxicology Program  
OSHA = US Occupational Safety and Health Administration  
RTECS® = Registry of Toxic Effects of Chemical Substances

**Additional Information** The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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