

## Hi-P 0-8-0 Guano

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Hi-P 0-8-0 Guano
<b>Other Means of Identification</b>	0-8-0
<b>Product Family</b>	Organic
<b>Recommended Use</b>	Fertilizer.
<b>Restrictions on Use</b>	None known.
<b>Supplier Identifier</b>	BioFert Manufacturing Inc., 464 Riverside Road, Abbotsford, BC, V2S 7M1
<b>Emergency Phone No.</b>	BioFert Manufacturing Inc. , 1-866-246-3378 CANUTEC, In the event of an emergency involving dangerous goods, call 613-996-6666 or *666 on a cellular phone.
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### SECTION 2. HAZARD IDENTIFICATION

**Classification**

Not classified under any hazard class.

**Label Elements**

Not applicable

**Other Hazards**

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients. Substance:

Chemical Name	CAS No.	%	Other Identifiers	Other Names

**Notes**

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### SECTION 4. FIRST-AID MEASURES

**First-aid Measures**

**Inhalation**

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

**Skin Contact**

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

**Eye Contact**

Rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 15 minutes. If wearing contact lens(es), remove after 5 minutes and continue rinsing for at least 10 minutes.

**Ingestion**

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

**First-aid Comments**

Get medical advice or attention if you feel unwell or are concerned.

**Most Important Symptoms and Effects, Acute and Delayed**

None known.

**Immediate Medical Attention and Special Treatment****Target Organs**

None known.

**Special Instructions**

Not applicable.

**Medical Conditions Aggravated by Exposure**

None known.

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

Not combustible. Use extinguishing agent suitable for surrounding fire.

**Unsuitable Extinguishing Media**

None known.

**Specific Hazards Arising from the Product**

Heating increases the release of toxic vapour.

No information is available.

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

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

**SECTION 6. ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment, and Emergency Procedures**

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

**Environmental Precautions**

It is good practice to prevent releases into the environment.

**Methods and Materials for Containment and Cleaning Up**

Avoid generating dust. Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal.

**Other Information**

None known.

**SECTION 7. HANDLING AND STORAGE****Precautions for Safe Handling**

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

**Conditions for Safe Storage**

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Store in an area that is: cool, dry, well-ventilated, out of direct sunlight and away from heat and ignition sources.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Not available.

Consult local authorities for provincial exposure limits.

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Use tight-fitting safety goggles in areas of high dust concentration.

#### Skin Protection

Rubber gloves, long sleeved shirts, boots and/or other protective clothing. Have a safety eyewash fountain readily available in the work area.

Natural rubber, neoprene rubber, nitrile rubber.

#### Respiratory Protection

Not normally required if product is used as directed. Wear a NIOSH approved air-purifying respirator with an appropriate cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Light grey - brown.
Odour	Musty
Odour Threshold	Not applicable
pH	4.2 - 6.0
Melting Point/Freezing Point	Not available (melting); Not applicable (freezing)
Initial Boiling Point/Range	Not applicable
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	Not available
Solubility	Slightly soluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not applicable
Auto-ignition Temperature	Not available
Decomposition Temperature	Not applicable
Viscosity	Not applicable (kinematic); Not applicable (dynamic)
Other Information	
Physical State	Solid
Bulk Density	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

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Not reactive under normal conditions of use.

**Chemical Stability**

Normally stable.

**Possibility of Hazardous Reactions**

None expected under normal conditions of storage and use.

**Conditions to Avoid**

None known.

**Incompatible Materials**

None known.

**Hazardous Decomposition Products**

Very toxic carbon monoxide, carbon dioxide.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Likely Routes of Exposure**

Skin contact; eye contact; ingestion.

**Acute Toxicity**

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

**Skin Corrosion/Irritation**

No information was located.

**Serious Eye Damage/Irritation**

Human experience shows very mild irritation.

**STOT (Specific Target Organ Toxicity) - Single Exposure**

**Inhalation**

May cause nose and throat irritation.

**Skin Absorption**

No information was located.

**Ingestion**

If large amounts are swallowed symptoms may include nausea, vomiting, stomach cramps and diarrhea.

**Aspiration Hazard**

No information was located. Not known to be an aspiration hazard.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No information was located.

**Respiratory and/or Skin Sensitization**

Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

**Carcinogenicity**

No information was located.

**Reproductive Toxicity**

**Development of Offspring**

No information was located.

**Sexual Function and Fertility**

No information was located.

**Effects on or via Lactation**

No information was located.

### **Germ Cell Mutagenicity**

No information was located.

### **Interactive Effects**

No information was located.

No information was located for: LC50, LD50 (oral), LD50 (dermal), STOT (Specific Target Organ Toxicity) - Single Exposure, Aspiration Hazard, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Respiratory and/or Skin Sensitization, Sexual Function and Fertility, Effects on or via Lactation, Germ Cell Mutagenicity, Interactive Effects

## **SECTION 12. ECOLOGICAL INFORMATION**

Environmental information was not located.

### **Ecotoxicity**

No information was located.

### **Persistence and Degradability**

No ingredient of this product or its degradation products is known to be highly persistent.

### **Bioaccumulative Potential**

This product and its degradation products are not known to bioaccumulate.

### **Mobility in Soil**

If released into the environment, this product can move rapidly through the soil.

### **Other Adverse Effects**

There is no information available.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **Disposal Methods**

Éliminer selon les exigences locales, provinciales et fédérales.

## **SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG regulations.

**Environmental Hazards** Not applicable

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## **SECTION 15. REGULATORY INFORMATION**

### **Safety, Health and Environmental Regulations**

None known.

#### **Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

#### **Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL or are not required to be listed.

#### **USA**

#### **Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

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## SECTION 16. OTHER INFORMATION

<b>SDS Prepared By</b>	Regulatory and Technical Resources
<b>Phone No.</b>	604-864-9044
<b>Date of Preparation</b>	April 29, 2019
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<b>Key to Abbreviations</b>	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
<b>References</b>	CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). Supplier's SDS.
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