



### Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03

Printing Date: December 6, 2017

Revision Date: 12/6/2017

**Product Description:** Happy Frog Bat Guano

#### SECTION 1: IDENTIFICATION

**Product Description:** Happy Frog Bat Guano

**Product Identifier:** Organic dry fertilizer

**Manufacturer:** United Compost & Organics  
dba FoxFarm Soil & Fertilizer Company  
PO Box 787, Arcata, CA 95518  
1900 Bendixsen Street, Samoa, CA 95564  
foxfarm@foxfarmfertilizer.com  
(800) 436-9327 or (707) 443-4369 for product information  
www.foxfarmfertilizer.com

**Emergency Telephone Number:** (707) 443-4369, M-F 8:30am–5:00pm PST.

#### SECTION 2: HAZARD(S) IDENTIFICATION

**Classifications:**

Flammability – n/a (inherently noncombustible)  
Health – Category 5 (irritation or minor reversible injury possible)  
Instability/Reactivity – n/a (stable)

**Pictograms:**

n/a

**Signal Word:**

Warning

**Hazard Statements:**

H320 May cause eye irritation  
H335 May cause respiratory irritation

**Precautionary Statements:**

P102 Keep out of reach of children  
P261 Avoid breathing dust  
P262 Do not get in eyes  
P264 Wash skin thoroughly after handling  
P280 Wear protective gloves  
P285 In case of inadequate ventilation wear respiratory protection  
P304+P340 If inhaled: provide fresh air  
P305+P351+P338 If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing



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Storage:

Store at ambient temperature in a dry location. Keep out of reach of children and pets.

Disposal:

Waste of this product is not hazardous. Dispose of contents/containers in accordance with federal, state, and local regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Mixture

Description: Mixture of substance listed below with nonhazardous additions

Component	CAS Number	%
Fossilized bat guano	14808-60-7	Trade secret

SECTION 4: FIRST-AID MEASURES

Inhalation:

If dust causes irritation or distress, remove from source of exposure to fresh air.

Skin Contact:

Thoroughly wash off skin with water. Wash contaminated clothing before re-use.

Eye Contact:

Carefully flush eyes with large amounts of water. Remove contact lenses.

Ingestion:

If swallowed, thoroughly wash out mouth and drink plenty of water. Do not induce vomiting. Consult a physician immediately.

Notes to Physician:

Symptoms: Inhalation over long periods of high amounts of any nuisance dust may overload lung clearance mechanism, irritate mucous membranes and make lungs more vulnerable to respiratory disease. May cause minor irritation to the eyes in case of presence of foreign body. Ingestion may cause abdominal cramps, nausea, vomiting, and/or diarrhea.

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**Product Description: Happy Frog Bat Guano****SECTION 5: FIRE-FIGHTING MEASURES****Suitable Extinguishing Media:**

Material is essentially non-combustible.

**Specific Hazards During Fire Fighting:**

No further relevant information available.

**Special Protective Equipment for Fire Fighters:**

No special measures required.

**Further Information:**

No further relevant information available.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Personal Precautions:**

Avoid contact with skin and eyes. Avoid inhaling dust. Keep unprotected persons away.

**Protective Equipment:**

Not normally necessary. If excessive dust is created use of an approved respirator or local exhaust is advised. Protective eyewear should be worn where dust levels are high enough to cause irritation.

**Environmental Precautions:**

Avoid discharge into lakes, streams or ponds.

**Methods of Containment and Cleanup**

Use methods to clean spill which avoid creating airborne dust.

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

Inhalation of dust may irritate nose, throat, lungs and eyes. Avoid creating airborne dust. Avoid exposure to open wounds. Wear personal protective equipment and clothing as necessary.

**Conditions for Safe Storage, Including Incompatibilities:**

Store at ambient temperature in a dry location. Keep away from children and pets.



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Further Information:

Use good personal hygiene practices. These materials are made from natural products and may contain naturally occurring and/or inoculated microorganisms. Proper precautions are advised to prevent infection of open wounds, inhalation of excessive amounts of dust, and eye irritation. The proper hygiene practices necessary to prevent health hazards from any naturally occurring substance such as guanos, etc. should be observed.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with Occupational Exposure Limits (lists that were valid at creation used as basis):

Component	CAS Number	Type	Value
Nuisance dust	n/a	OSHA PEL	Respirable: 5mg/m <sup>3</sup> ; Total: 15mg/m <sup>3</sup>
		ACGIH TLV	Respirable: 5mg/m <sup>3</sup> ; Total: 10mg/m <sup>3</sup>
Fossilized bat guano	14808-60-7	ACGIH TLV	0.1mg/m <sup>3</sup>

Personal Protective Equipment (PPE)

Engineering Measures:

Local exhaust advisable if excessive dust is created.

Eye Protection:

Protective eyewear should be worn where dust levels are high enough to cause irritation.

Hand Protection:

Not normally necessary but suggested in cases of open wounds that are not adequately protected.

Skin and Body Protection:

Normal work clothing.

Respiratory Protection:

If dust is created use a respirator approved for nuisance dust of this type.

General Protective and Hygienic Practices:

Appropriate respirator, eye protection and ventilation under conditions where excessive dust is created. Open wounds should be kept clean and protected. Use good personal hygiene practices. After handling material wash hands before eating, drinking, smoking, or using toilet facilities. Keep away from foodstuffs and beverages.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fine particulates

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**Product Description: Happy Frog Bat Guano****Odor:** Earthy**Odor Threshold:** Not determined**pH:** Not determined**Density:** Not determined**Solubility:** Partially miscible in water**Melting Point/Freezing Point:** n/a**Initial Boiling Point and Boiling Range:** n/a**Danger of Explosion:** Accumulated fine airborne dust may present an explosion hazard.**Flammability:** n/a**Flash Point:** n/a**Auto-Ignition Temperature:** Material is not self-igniting.**Decomposition Temperature:** Not determined.**Vapor Pressure:** n/a**Vapor Density:** n/a**Evaporation Rate:** n/a**Viscosity:** n/a**Partition Coefficient (n-octanol/water):** Not determined.**SECTION 10: STABILITY AND REACTIVITY****Reactivity:** No further relevant information.**Chemical Stability:** Material is stable.



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**Possibility of Hazardous Reactions:** No dangerous reactions known.

**Hazardous Decomposition:** None known.

**Conditions to Avoid:** See label.

**Incompatible Materials:** None known.

#### SECTION 11: TOXICOLOGICAL INFORMATION

##### Acute Toxicity

**Relevant Numerical Measure of Toxicity:**

n/a

**Likely Routes of Exposure:**

n/a

**Immediate Exposure Effects:**

n/a

**Delayed Exposure Effects:**

n/a

**Symptoms of Exposure:**

Product is not toxic. Inhalation of dust may irritate nose, throat and lungs. Eye contact may cause irritation due to a foreign body in the eye.

##### Chronic Toxicity

**Relevant Numerical Measure of Toxicity:**

n/a

**Likely Routes of Exposure:**

n/a

**Immediate Exposure Effects:**

n/a

**Delayed Exposure Effects:**

n/a

**Symptoms of Exposure:**

Product is not toxic. Inhalation of dust may irritate nose, throat and lungs. Long term inhalation of product without protective measures may lead to the development of silicosis. Eye contact may cause irritation due to a foreign body in the eye.

##### Carcinogenic Categories

**IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.



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**NTP (National Toxicology Program):**

None of the ingredients are listed.

**OSHA (Occupational Health & Safety Administration):**

None of the ingredients are listed.

### SECTION 12: ECOLOGICAL INFORMATION

**General Notes:**

Avoid discharge into lakes, streams or ponds.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Disposal:**

Dispose of container and unused contents in accordance with federal, state and local requirements.

**Further Information:**

Waste of this product is not defined as hazardous.

### SECTION 14: TRANSPORT INFORMATION

**General Notes:**

No further relevant information available.

### SECTION 15: REGULATORY INFORMATION

**OSHA Hazards**

None of the ingredients are listed.

**TSCA (Toxic Substances Control Act)**

None of the ingredients are listed.

**California Prop. 65**

None of the ingredients are listed.

**SARA Hazards**

None of the ingredients are listed.

**EPA (Environmental Protection Agency)**

None of the ingredients are listed.



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### **TLV (Threshold Limit Value Established by ACGIH)**

None of the ingredients are listed.

### **NIOSH (National Institute for Occupational Safety and Health)**

None of the ingredients are listed.

## **SECTION 16: OTHER INFORMATION**

The information and recommendations provided in this Safety Data Sheet are accurate to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship.