



**Safety Data Sheet (SDS)**

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

Printing Date: September 15, 2023

Revision Date: 9/24/2018

**Product Identifier:** FoxFarm Marine Cuisine

**SECTION 1: IDENTIFICATION**

**Product Identifier:** FoxFarm Marine Cuisine

**Product Description:** Dry slow release fertilizer

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

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

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

**Classifications:**

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

**Pictograms:**

n/a

**Signal Word:**

n/a

**Hazard Statements:**

- H303 May be harmful if swallowed
- H316 Causes Mild Skin Irritation
- H320 Causes eye irritation

**Precautionary Statements:**

- P102 Keep out of reach of children
- P262 Do not get in eyes, on skin, or on clothing
- P264 Wash skin thoroughly after handling
- P280 Wear protective gloves, eye protection, and face protection

**Storage:**

Store at ambient temperature in a dry location.

**Disposal:**

Dispose of contents/containers in accordance with federal, state, and local regulations.



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Mixture

Description: Mixture of substances listed below with nonhazardous additions

Component	CAS Number	%
Cottonseed meal	n/a	Trade secret
Blood meal	n/a	Trade secret
Earthworm castings	n/a	Trade secret
Fish meal	n/a	Trade secret
Shrimp meal	n/a	Trade secret
Crab meal	n/a	Trade secret
Bat guano	n/a	Trade secret
Seabird guano	n/a	Trade secret
Kelp meal	n/a	Trade secret
Urea	57-13-6	Trade secret
Ammonium sulfate	7783-20-2	Trade secret
Triple superphosphate	65996-95-4	Trade secret
Potassium sulfate	7778-80-5	Trade secret
Potassium chloride	7447-40-7	Trade secret
Ferrous sulfate	7782-63-0	Trade secret
Iron sucrate	n/a	Trade secret
Manganese sucrate	n/a	Trade secret

SECTION 4: FIRST-AID MEASURES

Inhalation:

Move victim to fresh air.

Skin Contact:

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

Eye Contact:

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

Ingestion:

If swallowed, drink plenty of water. Do not induce vomiting. Consult a physician immediately.

Notes to Physician:

Symptoms: May cause minor irritation, redness, and/or burning to the eyes. Prolonged exposure to the eyes may cause conjunctivitis. Dermal exposure may cause irritation, redness, and/or burning. Prolonged exposure to the skin may cause dermatitis. Ingestion



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may cause abdominal cramps, nausea, vomiting, and/or diarrhea. Inhalation may cause upper respiratory tract irritation.

#### SECTION 5: FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:**

Water spray, dry chemical, carbon dioxide, foam.

**Specific Hazards During Fire Fighting:**

During fire, gases hazardous to health may be formed.

**Special Protective Equipment for Fire Fighters:**

Wear self-contained breathing apparatus.

**Further Information:**

If heated to decomposition, gases hazardous to health may be formed.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**

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

**Protective Equipment:**

Wear gloves and face protection as necessary.

**Environmental Precautions:**

Avoid discharge into the environment. After containment and cleanup, flush and dilute spilled area with water.

**Methods of Containment and Cleanup**

Use best practices to prevent spreading. Following recovery/cleanup, flush spilled area with water.

#### SECTION 7: HANDLING AND STORAGE

**Precautions for Safe Handling:**

Wear personal protective equipment as necessary. Emergency eye wash stations should be in the near proximity to operations presenting a potential splash exposure. Avoid skin exposure.

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

Store in a cool, dry area. Keep container closed when not in use.

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Use good personal hygiene practices. This product is made from natural products and may contain naturally occurring and/or inoculated microorganisms. Proper precautions are advised to prevent infection of open wounds. After handling material wash hands before eating, drinking, smoking, or using toilet facilities. Keep away from foodstuffs and beverages.

**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
Ammonium sulfate	7783-20-2	OSHA (PEL)	n/a
Ferrous sulfate	7782-63-0	OSHA (PEL)	1 mg/m <sup>3</sup>
Potassium chloride	7447-40-7	OSHA (PEL)	n/a
Urea	57-13-6	OSHA (PEL)	n/a
Phosphoric acid	7664-38-2	OSHA (PEL)	5 mg/m <sup>3</sup> (respirable) 15 mg/m <sup>3</sup> (total)
Ammonia	7664-41-7	OSHA (PEL)	35 mg/m <sup>3</sup>
Calcium oxide	1305-78-8	OSHA (PEL)	5 mg/m <sup>3</sup>
Nuisance dust	n/a	OSHA (PEL) OSHA (PEL)	5 mg/m <sup>3</sup> (respirable) 15 mg/m <sup>3</sup> (total)

**Personal Protective Equipment (PPE)****Engineering Measures:**

No further relevant information available.

**Eye Protection:**

Safety glasses or goggles are recommended. Ensure that eyewash stations are close to the workstation.

**Hand Protection:**

To prevent skin contact wear water resistant gloves, such as those constructed of nitrile.

**Skin and Body Protection:**

Wear protective clothing to prevent skin contact. Promptly remove contaminated clothing and launder before re-use.

**Respiratory Protection:**

No special equipment required. Avoid creating dust through proper handling. Avoid breathing dust.

**General Protective and Hygienic Practices:**

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Emergency eye wash capability should be available in the near proximity to operations. Avoid repeated and/or prolonged skin exposure. 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:** Granular pellets and fine particulates**Odor:** Earthy**Odor Threshold:** Not determined**pH:** Not determined**Specific Gravity (Relative Density):** Not determined**Solubility:** Partially soluble**Melting Point/Freezing Point:** n/a**Initial Boiling Point and Boiling Range:** n/a**Danger of Explosion:** Material does not 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:** Not determined.**Vapor Density:** Not determined.**Evaporation Rate:** Not determined.**Viscosity:** Not determined.**Partition Coefficient (n-octanol/water):** Not determined.

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Ammonium sulfate: LD<sub>50</sub> (oral, rat) – 4250 mg/kg; LD<sub>50</sub> (dermal, rat) - >2000mg/kg  
Ferrous sulfate: LD<sub>50</sub> (oral, rat) - 3200 mg/kg; LD<sub>50</sub> (dermal, rat) - >2000mg/kg (24 hrs)  
Potassium chloride: LD<sub>50</sub> (oral, rat) – 3020 mg/kg  
Urea: LD<sub>50</sub> (oral, rat) – 15000 mg/kg

**Likely Routes of Exposure:**

Eye contact, skin contact, inhalation. Ingestion is not expected to be a likely route of exposure through normal product use.

**Immediate Exposure Effects:**

Eye contact: May cause irritation, redness, and/or burning.  
Skin contact: May cause irritation, redness, and/or burning.  
Inhalation: May cause upper respiratory irritation.

**Delayed Exposure Effects:**

None anticipated.

**Symptoms of Exposure:**

Inhalation: May cause upper respiratory irritation or pulmonary effects.  
Skin and/or Eye contact: May cause irritation, redness, and/or burning.

**Chronic Toxicity****Relevant Numerical Measure of Toxicity:**

No delayed or chronic effects from short- or long-term exposures are known.

**Likely Routes of Exposure:**

Eye contact, skin contact, inhalation. Ingestion is not expected to be a likely route of exposure through normal product use.

**Immediate Exposure Effects:**

Eye contact: May cause irritation, redness, and/or burning.  
Skin contact: May cause irritation, redness, and/or burning.



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Inhalation: May cause upper respiratory irritation.

**Delayed Exposure Effects:**

No delayed or chronic effects from short- or long-term exposures are known.

**Symptoms of Exposure:**

Inhalation: May cause upper respiratory irritation or pulmonary effects.

Skin and/or Eye contact: May cause irritation, redness, and/or burning.

**Carcinogenic Categories**

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

None of the ingredients are listed.

**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:**

Keep out of sewers, drainage areas, and waterways. Report spills and releases, as applicable, under federal and state regulations. Large quantities of fertilizer released into the environment may kill aquatic plants and animals and cause algae blooms if bodies of water are contaminated.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Disposal:**

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

**Further Information:**

Do not dispose of in sewage system.

### SECTION 14: TRANSPORT INFORMATION

**General Notes:**

Not regulated for transport.

### SECTION 15: REGULATORY INFORMATION

**OSHA Hazards**

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None of the ingredients are listed.

**TSCA (Toxic Substances Control Act)**

Calcium nitrate is listed in the TSCA inventory.

**California Prop. 65**

Warning: This product contains substances known to the State of California to cause cancer and/or birth defects or other reproductive harm.

**SARA Hazards**

This product contains substances considered, under applicable definitions, to meet the following categories: Acute.

**EPA (Environmental Protection Agency)**

None of the ingredients are listed.

**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.