

SAFETY DATA SHEET

Section 1: IDENTIFICATION

- 1.1 Product Name:** Humane - Bloom Boom
- 1.2 Other Identification:** none
- 1.3 Recommended Use of Chemical:** Pelleted Plant Nutrition
- 1.4 Manufacturer:** Humane Organics
547 North 20 West
Vineyard, UT 84059
- 1.5 24-hr Emergency Contact:**
Michael Roberts
435-310-0893

Section 2: HAZARD(S) IDENTIFICATION

- 2.1 Signal Word:** CAUTION
- 2.2 Hazard Classification:**
This material is not considered hazardous according to the OSHA Hazard Communication Standard HCS) (29 CFR 1910.1200 (g))
- 2.3 Hazard Statement(s):**
May cause respiratory irritation.
- 2.4 Precautionary Statements:**
Prevention:
Avoid breathing dust.
Wash hands thoroughly after handling.
Wear protective gloves.
Response:
If Inhaled: remove person to fresh air
If exposed or concerned: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
- Storage:**
None specified.
- Disposal:**
None specified.

Section 3: COMPOSITION/INFORMATION on INGREDIENTS

- 3.1 Chemical Ingredients:** (See Section 8 for exposure guidelines)

Chemical	CAS No.	% by Wt.
Swine manure	none	Proprietary
Soft rock phosphate	none	Proprietary

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Bone & Meat Meal	none	Proprietary
Blood Meal	none	Proprietary
Potassium Sulfate	none	Proprietary

Section 4: FIRST AID MEASURES

4.1 Signs and Symptoms of Short Term (Acute) and Long Term (Chronic) Exposure: Exposure to dust generated during handling or use of the product may cause temporary irritation to eyes, skin, nose, throat and upper respiratory tract.

4.2 Conditions Aggravated by Overexposure: None known.

4.3 First Aid

If in eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes.
	Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
	Call a poison control center or doctor for treatment advice.
If on skin or clothing:	Take off contaminated clothing.
	Rinse skin immediately with plenty of water for 15-20 minutes.
	Call a poison control center or doctor for treatment advice.
If swallowed:	Call a poison control center or doctor for treatment advice.
	Have person sip a glass of water if able to swallow.
	Do not induce vomiting unless told to do so by the poison control center or doctor.
	Do not give anything by mouth to an unconscious person.
If inhaled:	Move person to fresh air.
	If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
	Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going to treatment.	
For emergencies, call American Association of Poison Control Centers 1-800-222-1222	

Section 5: FIRE FIGHTING MEASURES

5.1 Flammable Properties: Non-flammable

5.2 Extinguishing Media: Water, regular foam, carbon dioxide, dry chemical

5.3 Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective gear. Ventilate area if possible.

5.4 Unusual Fire and Explosion Properties: No specific fire or explosion hazard.

5.5 Hazardous Combustion Products: None known.

Section 6: ACCIDENTAL RELEASE MEASURES

- 6.1 In Case of Spill or Leak:** Handle using nitrile gloves and wear a particle mask. Employ best-practice sanitation methods for clean-up. Utilize a vacuum or sweep the product with a broom and dispose in a garbage receptacle. Clean surfaces thoroughly. Suitable protective equipment should be worn during any spill cleanup operation.
- 6.2 Disposal:** Dispose according to Section 13 and product label.
- 6.3 Personal Precautions:** Avoid contact with skin and eyes. Ensure adequate ventilation. Wear suitable protective clothing.
- 6.4 Environmental Precautions:** Do not contaminate water. Do not allow to enter drains, sewers or bodies of water.
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Section 7: HANDLING and STORAGE

- 7.1 Safe Handling Procedures:** Avoid breathing fertilizer mists. Avoid prolonged or repeated skin contact. Avoid eye contact. Wash hands thoroughly after handling this product.
- 7.2 Storage:** Store in original container only. Keep container tightly closed when not in use. Store in cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products and seed. Store at ambient temperature. Do not contaminate water, food or feed by storage or disposal.
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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Exposure Guidelines:** No exposure limits known for ingredients.
- 8.2 Engineering Controls:** Minimize airborne concentrations. Avoid creating dust, Provide adequate ventilation.
- 8.3 Eye/Face Protection:** Wear safety eyewear: chemical goggles or safety glasses.
- 8.4 Skin Protection:** Wear protective clothing: long sleeves and pants, shoes with socks. Wear chemical-resistant gloves.
- 8.5 Respiratory Protection:** No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.
- 8.6 General Hygiene:** Good personal hygiene practices should always be observed. Wash hands, arms, face thoroughly after handling product before eating, smoking and using the toilet. Wash contaminated clothing before reusing.
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Section 9: PHYSICAL and CHEMICAL PROPERTIES

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| 9.1 Appearance: | brown/dark brown granules and off-white pellets |
| 9.2 Odor: | manure |
| 9.3 Odor Threshold: | No data available |
| 9.4 pH: | 8.5-9 |
| 9.5 Melting Point/Freezing Point: | No data available |
| 9.6 Boiling Point: | Not applicable |
| 9.7 Flash Point: | Does not flash. |
| 9.8 Evaporation Rate: | Not applicable |
| 9.9 Flammability: | Not flammable. |
| 9.10 Upper/Lower Flammability Limits: | No data available |
| 9.11 Vapor Pressure: | Not applicable |
| 9.12 Vapor Density: | Not applicable |

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9.13	Bulk Density:	
9.14	Specific Gravity:	Not applicable
9.15	Solubility (in water):	Not applicable
9.16	Partition Coefficient:	No data available
9.17	Auto-ignition Temperature:	Not applicable
9.18	Decomposition Temperature:	Not applicable
9.19	Viscosity:	Not applicable

Section 10: STABILITY and REACTIVITY

- 10.1 Stability:** Stable under normal storage and handling conditions.
10.2 Hazardous Polymerization: Will not occur.
10.3 Conditions to Avoid: None
10.4 Hazardous Decomposition: Not known.
10.5 Materials to Avoid: None known.
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Section 11: TOXICOLOGICAL INFORMATION

- 11.1 Target Organs:** Skin, eyes, throat
11.2 Routes of Exposure: Skin and eye contact, inhalation, oral ingestion.
11.3 Toxicological Data:
Acute Oral, LD50 (rat): No data available
Acute Dermal, LD50: No data available
Acute Inhalation, LC50: No data available
Eye Irritation: No data available
Dermal Sensitization: Not a skin sensitizer
11.4 Carcinogenic Status: No known significant effects or critical hazards.
11.5 Reproductive Effects: No known significant effects or critical hazards.
11.6 Teratogenicity: No known significant effects or critical hazards.
11.7 Mutagenicity: No known significant effects or critical hazards.
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Section 12: ECOLOGICAL INFORMATION

- 12.1 Aquatic Toxicity:** No data available
12.2 Environmental Hazards: Do not contaminate water by discharge of waste effluents or equipment wash water.
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Section 13: DISPOSAL CONSIDERATIONS

- 13.1 Handling for Disposal:** Handle wastes according to recommendations in Section 7.
13.2 Methods for Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food or feed by storage or disposal.
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Section 14: TRANSPORT INFORMATION

Not regulated in transportation for DOT.

Section 15: REGULATORY INFORMATION

- 15.1. OSHA:** This material was classified according to the OSHA Hazard Communication Standard (29 CFR 1910.1200).
- 15.2 CERCLA Reportable Quantity (RQ):** Not applicable
- 15.3 SARA Title III:**
Extremely Hazardous Substance Notification (Sec 302): Not listed
Hazard Categories (Sec 311/312): Acute (immediate) Health Hazard
Toxic Chemicals Notifications (Sec 313): Not listed
- 15.4 CA Proposition 65:** This product may contain small amounts of crystalline silica (<0.1%) which is known to the State of California to cause cancer. This product does not present an inhalation, ingestion, or contact health hazard unless subject to operations which result in airborne particulates.
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Section 16: OTHER INFORMATION

SDS Preparation Date: 12/27/2020

Revision Date: New SDS

Revision Reason: New SDS

FURTHER INFORMATION:

The above information is based on data of which the manufacturer is aware and is believed to be correct as of the date hereon. Since the information contained herein may be applied under conditions beyond the manufacturer's control and which may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, the manufacturer does not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.