



### SECTION 1: PRODUCT IDENTIFICATION

<b>Product Name</b>	<b>FLOWER FORMULA SP 6-8-12</b>
<b>Other Identification</b>	None
<b>Recommended Use</b>	Fertilizing and blending applications
<b>Restrictions on Use</b>	None known
<b>Supplier Details</b>	Earthcraft Biosystems, 5420 Beckley Rd, STE A #116 Battle Creek, MI 49015 <a href="http://earthcraftbiosystems.com">earthcraftbiosystems.com</a>
<b>Emergency phone number</b>	USA: 800-321-6742 (OSHA) ; 800-424-9300 (CHEMTREC)

### SECTION 2: HAZARDS IDENTIFICATION

<b>Product Definition</b>	Fertilizer powder blend
<b>Classification</b>	Skin.Irr.3, STOT RE 2
<b>Label Elements</b>	None
<b>Signal Word</b>	Warning
<b>Precautionary Statements:</b>	May cause skin irritation. May be harmful if swallowed. Product contains soy. Adverse reactions may occur in sensitive persons.
<b>Prevention</b>	Keep out of reach of children and pets. Do not inhale or ingest. Wash hands after use.
<b>Response</b>	If exposed, concerned or feeling unwell contact a health care provider. If in eyes rinse with water for several minutes. If swallowed rinse mouth. If on skin, wash with water. If inhaled, move to fresh air. If allergic reaction occurs, seek medical attention.
<b>Storage</b>	Store in original container in a cool, dark location.
<b>Disposal</b>	Dispose of contents and container in accordance with local, regional, and national regulations
<b>Other Hazards</b>	None known

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Percentage	Hazardous
Humic Acid	1415-93-6	3.0%	No

### SECTION 4: FIRST AID MEASURES

<b>Inhalation</b>	Remove to fresh air and keep comfortable for breathing.
<b>Skin Contact</b>	Wash with soap and water. If allergic reaction occurs, seek medical attention.
<b>Eye Contact</b>	Flush with water for 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing.
<b>Ingestion</b>	Rinse mouth with water.

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

May be harmful if swallowed. May cause damage to organs through prolonged or repeated exposure. Product contains soy. Adverse reactions may occur in sensitive persons.

#### Immediate Medical Attention and Special Treatment

None known.

### SECTION 5: FIRE-FIGHTING MEASURES

<b>Extinguishing Media</b>	This product is non-flammable.
<b>Products of Combustion</b>	None known

<b>Special Fire Fighting Instructions</b>	None known
<b>Special Information</b>	None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Use standard safe work procedures, including the use of protective gloves, clothing and eye protection. Avoid inhalation and contact with skin and eyes. Do not ingest. Do not eat, drink or smoke when handling this product. Wash hands after use. Wash contaminated clothing before re-use.

### Environmental Precautions

Avoid release to water sources. Dispose of product and packaging in accordance with local, regional, and national regulations.

### Methods and Material for Containment and Clean Up

Use standard safe work procedures including the use of protective clothing, gloves and eye protection. Contain spill and dispose of material in accordance with local, regional, and national regulations. Sweep or vacuum spillage. Wash area with water.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

Use standard safe work procedures, including the use of protective clothing, gloves and eye protection. Avoid inhalation and contact with skin and eyes. Do not ingest. Do not eat, drink or smoke when handling this product. Wash hands after use. Wash contaminated clothing before re-use.

### Conditions for Safe Storage

Store in original container, in a cool, dry place and protect from freezing. Keep container closed when not in use. Keep out of reach of children and animals.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits	Not normally needed. Ensure adequate ventilation. If there is a large spill, wear an appropriate organic filter mask to reduce lung irritation.
Skin Protection	Not normally needed. Wear appropriate protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to minimize skin contact when handling large quantities.
Eye Protection	Not normally needed. Wear appropriate chemical safety glasses or goggles and/or a full face shield where splashing is possible.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Off white powder
<b>Odor</b>	Minimal
<b>Odor Threshold</b>	Not available
<b>pH</b>	6 - 8
<b>Melting/Freezing Point</b>	Not available
<b>Initial Boil Point/Range</b>	Not available
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability (Solid, Gas)</b>	Not available
<b>Upper/Lower Flammability or Exposure Limits</b>	Not available
<b>Exposure Limits</b>	Not available
<b>Vapor Pressure</b>	Not available
<b>Vapor Density</b>	Not available
<b>Specific Gravity</b>	Not available
<b>Solubility</b>	Soluble
<b>Partition Coefficient, n-octanol/Water (Log/Kow)</b>	Not available
<b>Auto-Ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available

## SECTION 10: STABILITY AND REACTIVITY

<b>Stability</b>	Stable under ordinary conditions of use and storage.
<b>Hazardous Decomposition Products</b>	None expected under normal conditions of storage, use and transport.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Incompatibilities</b>	None known
<b>Conditions to Avoid</b>	None

## SECTION 11: TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

<b>Inhalation</b>	May cause damage to organs through prolonged or repeated exposure.
<b>Skin Contact</b>	Product contains soy. Adverse reactions may occur in sensitive persons.
<b>Eye Contact</b>	May cause irritation.
<b>Ingestion</b>	May be harmful if swallowed.

## SECTION 12: ECOLOGICAL INFORMATION

<b>Eco Toxicity</b>	Toxic to aquatic life with long lasting effects. Avoid release to water sources.
<b>Persistence and Degradability</b>	Not available.
<b>Bioaccumulative Potential</b>	Not available.
<b>Mobility in Soil</b>	This product is water soluble and may disperse in soil.
<b>Other Adverse Effects</b>	None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Disposal Methods

Rinse packaging and dispose of packaging and product in accordance with local, state, and federal regulations.

## SECTION 14: TRANSPORT INFORMATION

No limitations to transport known

## SECTION 15: REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### USA

#### Toxic Substances Control Act (TSCA)

Ingredients are either listed on the TSCA Inventory or exempt.

## SECTION 16: OTHER INFORMATION

<b>NFPA Ratings</b>	Health: 1      Flammability: 0      Reactivity: 0
<b>Label Hazard Warning</b>	Non-hazardous.
<b>Label Precautions</b>	None
<b>Label First Aid</b>	If swallowed, do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. In all cases call a physician.
<b>Product Use</b>	Fertilizing and blending applications
<b>Effective Date</b>	August 2022
<b>Revision Information</b>	MSDS Section(s) changed since last revision of document include: 0

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