

1. Identification

Product Name: Bloom Plus Soluble Concentrate (1-2-5-3Ca-2S)
Product Use: Fertilizers- Organic Soil & Plant Amendment
Manufacturer: Terra Biotics, Inc.
PO Box 1439
Deming NM 88031
1-877-519-8873
Emergency Telephone Number: Contact your local emergency response services

2. Hazard(s) Identification

Hazard Statement: Contains no hazardous components
Acute Toxicity:Oral: Not classified for Oral Toxicity
Acute Toxicity Dermal: Not classified for Dermal Toxicity
Ventilation: Good ventilation practices encouraged

3. Composition / Information on Ingredients

Guaranteed Analysis: Organic Nitrogen 1% Derived from Dried Fish Powder
Organic Phosphoric Acid (P2O5) 2% Derived from Soft Rock Phosphate
Organic Potassium 5% Derived from Potassium Sulfate
Organic Calcium 3% Derived from Soft Rock Phosphate
Sulfur 2% Derived from Potassium Sulfate

4. First Aid Measures

Eye Contact: Flush immediately with water for 15 minutes, lift eye lids. Seek medical attention if irritation persists.
Skin Contact: Wash with mild soap & flowing water. Wash contaminated clothing.
Inhalation: Move to fresh air. If breathing difficult administer oxygen or artificial respiration.
Ingestion: In case of accidental ingestion, do not induce vomiting. Drink plenty of water. Seek medical attention if symptoms occur.
Symptoms of exposure:
Eye Irritation: Irritation can occur on contact
Skin Irritation: Prolonged contact may cause irritation
Inhalation: Dust can cause irritation to the respiratory tract, sneezing & coughing
Ingestion: No known significant side effects
Indication of Immediate Medical Attention & Special Treatment Needed: In the event of an adverse response, treatment should be directed toward control of the symptoms

5. Fire Fighting Measures

Extinguishing Media: Water or Foam
Fire Hazard: Non-Combustible
Explosion Hazard: Not Applicable
Special Fire Fighting Procedures: Firefighters should wear full protective gear

6. Accidental Release Measures

| | |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal Precautions: | Keep unnecessary personnel out of spill area |
| Protective Equipment: | Goggles or face shield & gloves. Respiratory protection not normally needed |
| Environmental Precautions: | If large amounts spill, some vegetation damage is likely to occur |
| Emergency Procedures: | Water down with large amounts of water. Keep spilled product from entering waterways, drains or sewers |
| Methods & Materials Needed for Containment & Clean Up: | If uncontaminated, recover & reuse. If contaminated, the nature & extent of contamination may require disposal methods. Consult State or Federal environmental regulatory agencies. |

7. Handling and Storage

| | |
|---------------------------------------|----------------------------------------------------------------|
| Precautions for Safe Handling: | Wash thoroughly after handling. Keep out of reach of children. |
| Conditions for Safe Storage: | Keep in cool, dry, well ventilated area |

8. Exposure Controls / Personal Protection

Appropriate Engineering

| | |
|------------------------------------|-------------------------------------------------------------------------|
| Controls: | Use with adequate exhaust ventilation |
| Hand protection: | Appropriate gloves recommended to prevent skin exposure |
| Eye Protection: | Splash goggles recommended. Eyewash should be available in working area |
| Skin & Body Protection: | Wear suitable working clothes to prevent skin exposure |
| Respiratory Protection: | Normally not needed |

9. Physical and Chemical Properties

| | | | |
|---------------------------------------|----------------|------------------------------------|----------------|
| Appearance: | Powder | Specific Gravity / Density: | Not determined |
| Color: | Dark Gray | Log Pow: | Not determined |
| Odor: | Slight Fish | Auto-Ignition temperature: | Not determined |
| Solubility in Water: | 95% | Decomposition Temperature: | Not determined |
| Boiling Point: | Not determined | Viscosity: | Not determined |
| Melting Point: | Not determined | Viscosity, Kinematic: | Not determined |
| Freezing Point: | Not determined | Viscosity, Dynamic: | Not determined |
| pH: | 7.2-8.2 | Explosion Limits: | Not determined |
| Relative Evaporation Rate: | Not determined | Explosive Properties: | Not determined |
| Flammability (solid,gas): | Not determined | Oxidizing Properties: | Not determined |
| Vapor Pressure: | Not determined | | |
| Relative Vapor Density @ 20°C: | Not determined | | |
| Relative Density: | Not determined | | |

10. Stability and Reactivity

| | |
|------------------------------------------|--------------------------------|
| Reactivity: | Not normally reactive |
| Chemical Stability: | Stable |
| Hazardous Polymerization: | Will not occur |
| Hazardous Decomposition Products: | None Known |
| Conditions To Avoid: | None |
| Incompatible Materials: | Reactive with oxidizing agents |

11. Toxicological Information

| | |
|------------------------------------------------------------|------------|
| Acute Toxicity: | None Known |
| Skin Corrosion: | None Known |
| Serious Eye Damage: | None Known |
| Respiratory or Skin Sensitization: | None Known |
| Germ Cell Mutagenicity: | None Known |
| Carcinogenicity: | None Known |
| Reproductive Toxicity: | None Known |
| Specific Target Organ Toxicity (Single Exposure): | None Known |
| Specific Target Organ Toxicity (Repeated Exposure): | None Known |
| Aspiration Hazard: | None Known |

12. Ecological Information

| | |
|-----------------------------------------|------------------|
| Ecotoxicity: | No Known Effects |
| Persistence & Degradability: | No Known Effects |
| Bioaccumulative Potential: | No Known Effects |
| Mobility in Soil: | No Known Effects |
| Other Adverse Effects: | No Known Effects |

13. Disposal Considerations

| | |
|-------------------------------|--------------------------------------------------------------------------------------|
| Waste Disposal Method: | Dispose of contents/container in accordance with local, state or federal regulations |
|-------------------------------|--------------------------------------------------------------------------------------|

14. Transport Information

| | |
|-------------------------------------|--------------------------------------------|
| Freight Name/Classification: | Bulk Powder Fertilizing Compound, Class 50 |
| Environmental Hazards: | None Known |
| Special Precautions: | None, Not classified as hazardous material |

15. Regulatory Information:

| | |
|--------------------------------|----------------|
| US Federal & State: | Not Applicable |
|--------------------------------|----------------|

16. Other Information

Waiver: The information provided is based on data we are aware of and which is believed to be correct as of the date hereof (Jan. 30, 2019). This information is intended for persons having related technical skills. Since conditions and manner of use are outside our control, we make no warranties, express or implied, and do not assume any liability or responsibility for the results of its use. The person receiving it shall make his/her determination as to the suitability of the material for his/her particular purpose.

Date of Preparation/Revision: January 30th, 2019