

# Material Safety Data Sheet

## SOUL SYNTHETICS BLOOM 1.5-4.5-3

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275  
280  
285

Last Revision: March, 2010

Emergency Phone: (541) 913-9612

### Product Identification

Name: **Bloom**

Chemical description: Organic and Inorganic Nutrients for Plants. Derived from: Organic Materials and Potassium nitrate (CAS 7757-79-1), Monopotassium phosphate (CAS 7778-77-0), Calcium nitrate (CAS 13477-34-4), Magnesium nitrate (CAS 10377-60-3), and Iron EDTA (CAS 15708-41-5).

Hazardous components: Iron EDTA is hazardous in case of ingestion.

Company: Aurora Innovations, Inc. (541) 359-1580 [www.aurorainnovations.com](http://www.aurorainnovations.com)

### Physical/Chemical Characteristics

Boiling point	Above 212 F
Vapor pressure	Not determined
Vapor density	Not determined
Evaporation rate	Not determined
Melting point	NA
Specific gravity	1.2
pH	3.5
Solubility in water	Partially/Mostly soluble
Appearance	Tan to amber liquid
Odor	Non-offensive smell similar to malted/fermented grain

### Fire and Explosion Information

Flash point	Not applicable
Flammable limits	Not determined
Extinguishing media	Water, CO <sub>2</sub>
Special fire fighting procedures	No special methods required
Special fire and explosion hazards	None

### Reactivity Data

Stability	Stable at normal temperatures.
Conditions to avoid	None
Incompatibility	None
Hazardous decomposition	None.
Hazardous polymerization	Will not occur

### Spill or Leak Procedures

Contain spill to prevent discharge into the environment. Absorb spill with appropriate material and flush with water.

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**Health Effects/First Aid Information**

Inhalation: Remove to fresh air, if breathing difficult, administer oxygen. Consult physician.

Eyes: Will irritate on contact, wash out quickly to remove all particulate matter.

Ingestion: Hazardous in case of ingestion, potential acute health effect. If swallowed contact a physician immediately for course of action.

Skin: Avoid contact, may cause irritation. Wash with soap and water.

Carcinogenicity: Ingredients not listed as carcinogenic in NTP or IARC listings. Not OSMA regulated.

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**Precautions for Safe Handling and Use:**

Respiratory protection: Not normally needed.

Ventilation: Typically none is required.

Protective gloves/clothing: Rubber or plastic if contact expected.

Eye protection: Chemical splash goggles recommended where splash hazard is possible.

Work practices: Use good housekeeping practices. Keep containers tightly closed.

Precautions for storing and handling: Avoid storage areas with high temperatures or direct sunlight.

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**Important:**

The information and data herein are believed to be accurate and have been compiled from sources believed to be current and reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risks of use, storage and handling of product in compliance with applicable federal, state and local laws and regulations.