

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **Bloom B**
OTHER MEANS OF IDENTIFICATION: Hydroponic plant nutrient
RECOMMENDED USE:
RESTRICTIONS ON USE: None Known

SUPPLIER IDENTIFIER: Athena Ag, Inc.,
4626 Lenox Avenue, Jacksonville, FL 32205
Phone: 818.333.1818;
Email : compliance@athenaag.com

EMERGENCY PHONE NUMBER: 1.801.629.0667

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION: Not classified as hazardous.
LABEL ELEMENTS: None
SIGNAL WORD: None
HAZARD STATEMENTS: Not classified as hazardous.

PICTOGRAM: /
SIGNAL WORD: (See Section 15)

PRECAUTIONARY STATEMENTS
GENERAL: P101: If medical advice is needed, have product container or label at hand
P102: Keep out of reach of children.
P103: Read label before use.

PREVENTION: P260: Do not breathe dust / vapor/ spray
P264: Wash thoroughly
P280: Wear eye protection, gloves

RESPONSE: P305+P351+P338: IF IN EYES: Rinse cautiously with water several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303+P361+P353: IF ON SKIN (or hair). Rinse skin with water/shower. P321: For specific treatments see FIRST AID section on SDS or label.

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**STORAGE:
DISPOSAL:**

P410: Protect from sunlight.
P501: Dispose of contents/ container in accordance with local/ regional/ national/ international regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence reported in this section.

SECTION 4: FIRST AID MEASURES

FOLLOWING INHALATION:

Breathing dust may cause irritation of mucus membranes, sneezing, and coughing. Move exposed person to fresh air. Consult a physician if irritation persists or for difficulty breathing.

FOLLOWING SKIN CONTACT:

Wash hands after use with warm water and soap. If irritation occurs flush skin with clean water. Get medical attention if irritation persists.

FOLLOWING EYE CONTACT:

May cause eye irritation. Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eyes. Get medical attention if irritation persists.

FOLLOWING INGESTION:

Give 2-4 cups of water to dilute. Do not give fluids by mouth if person is unconscious. Seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

N/A

UNSUITABLE EXTINGUISHING MEDIA:

None known.

COMBUSTION PRODUCTS:

None known.



UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known, substance not considered a fire or explosion hazard

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Decomposition products may include the following materials:

- Carbon dioxide
- Carbon monoxide
- Nitrogen oxides
- Metal oxide/oxides

SPECIFIC HAZARDS ARISING FROM THE PRODUCT:

None known.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel." Wash hands after using. Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

ENVIRONMENTAL PRECAUTIONS:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN UP:

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

**SECTION 7: HANDLING AND STORAGE****PRECAUTIONS FOR SAFE HANDLING:**

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

MATERIALS TO AVOID:**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****OCCUPATION EXPOSURE LIMITS:**

None known

APPROPRIATE ENGINEERING CONTROLS:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

INDIVIDUAL PROTECTION MEASURES**EYE/FACE PROTECTION:**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gasses or dusts.

SKIN PROTECTION:

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of working period.



RESPIRATORY PROTECTION:	Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.
WORK PRACTICES:	Should not be needed under normal conditions. Use with adequate ventilation. NIOSH-approved respirator when in contact with dust, mists or vapor.
	Use standard safe work procedures. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Pale Blue
PHYSICAL STATE:	Liquid
ODOR:	Sweet
ODOR THRESHOLD	Not available
SPECIFIC GRAVITY (H2O=1):	1.13-1.17
RELATIVE DENSITY:	1.13-1.17
pH:	3.4-4.2
MELTING/FREEZING POINT:	~1°C(30.2°F)
INITIAL BOIL POINT/RANGE:	Not available
FLASH POINT:	Not available
EVAPORATION RATE:	Not available
FLAMMABILITY (SOLID, GAS):	Not available
UPPER/LOWER FLAMMABILITY OR EXPOSURE LIMITS:	Not available
VAPOR PRESSURE:	Not available
VAPOR DENSITY (AIR=1):	Not available
SOLUBILITY:	No available
PARTITION COEFFICIENT, N-OCTANOL/WATER (LOG/KOW):	Not available
AUTO-IGNITION TEMPERATURE:	Not applicable
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available



SECTION 10: STABILITY AND REACTIVITY

REACTIVITY & CHEMICAL STABILITY:

This product is stable and non-reactive under normal conditions of storage, use and transport.

POSSIBILITY OF HAZARDOUS REACTIONS:

None known.

CONDITIONS TO AVOID:

Open flames or other high-temperature sources. Which might induce thermal decomposition.

INCOMPATIBLE MATERIALS:

None known.

HAZARDOUS DECOMPOSITION PRODUCTS:

Under normal conditions hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICOLOGICAL DATA:

No components are considered toxic.

LIKELY ROUTES OF EXPOSURE:

Dermal, Ingestion, Inhalation.

INHALATION:

May cause respiratory tract irritation.

SKIN CONTACT:

May irritate skin.

EYE CONTACT:

Eye irritation.

INGESTION:

May be harmful if swallowed.

SECTION 12: ECOLOGICAL INFORMATION

ECO TOXICITY:

Non-toxic.

PERSISTENCE AND DEGRADABILITY:

Not available.

BIOACCUMULATIVE POTENTIAL:

Not available.

MOBILITY IN SOIL:

Not available.

OTHER ADVERSE EFFECTS:

None known.



SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: TRANSPORT INFORMATION

US DOT:	Not regulated as hazardous material
IMO:	Not regulated as hazardous material
IATA:	Not regulated as hazardous material
RID/ADR:	Not regulated as hazardous material
CANADIAN TDG:	Not regulated as hazardous material

SECTION 15: REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS

CANADA - DOMESTIC SUBSTANCES LIST (DSL) / NON-DOMESTIC SUBSTANCES LIST (NDSL):

All ingredients are either listed on the DSL/NDSL or exempt.

USA - TOXIC SUBSTANCES CONTROL ACT (TSCA):

All ingredients are either listed on the TSCA Inventory or exempt.

US EPA CERCLA RQ: No products were found

SARA TITLE III SECTION EXTREMELY HAZARDOUS SUBSTANCE:

Section 304 EHS RQ: No products were found

Section 302 TPQ: No products were found

SARA TITLE III SEC. 311/312:

Hazard category: NA

US. EPA EPCRA Section 313 listed: No products were found

Threshold quantity
(processed or manufactured): N/A

Threshold quantity
(otherwise used): N/A



Canadian WHIMIS Classification: Not regulated

CALIFORNIA PROP 65:

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.



COMPOUND LIQUID INORGANIC
MACRONUTRIENT FERTILISER

¹CMC 1: VIRGIN MATERIAL
SUBSTANCES AND MIXTURES

SECTION 16: OTHER INFORMATION

DATE OF LAST REVISION:

June 2022

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