



# Bloom B Safety Data Sheet

## **Section 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name:	Bloom B
Product Type/Description:	Liquid
Other means of Identification:	Hydroponic plant nutrient
Emergency Number:	1.800.424.9300
Manufacturer:	Athena Products Inc 3811 Wacker Drive Mira Loma, CA 91752
Telephone:	1.844.333.1818

## **Section 2 – HAZARD IDENTIFICATION**

GHS classification (As Concentrate):	Not classified as hazardous
Hazard Statements (As Concentrate):	Not classified as hazardous
Pictogram: None / Signal Word: N/A:	(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 breath 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
Storage:	P410: Protect from sunlight
Disposal:	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 reporting in this section.

## **Section 4: FIRST-AID MEASURES**

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

Inhalation:	Breathing dust may cause irritation of mucus membranes, sneezing, and coughing. Move exposed person to fresh air. Consult a physician if irritation persist or for difficulty breathing.
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## **Section 5: FIRE-FIGHTING MEASURES**

Hazardous thermal decomposition products:	<b>Decomposition products may include the following materials: Sulfur oxides Phosphorus oxides Metal oxide/oxides</b>
Special protective actions for fire-fighters:	<b>No special measures are required.</b>
Special protective equipment for fire-fighters:	<b>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.</b>

## **Section 6: ACCIDENTAL RELEASE MEASURES**

Protective measures	Put on appropriate personal protective equipment (see Section 8).
For emergency responders	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".
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 materials for containment and cleaning up: Spill	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**

Handling:	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene	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	Store in accordance with local regulations. Store in original container protected from

incompatibilities	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.
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## **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Components with workplace control parameters: Exposure Limits:**

Engineering Controls:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Respiratory:	Should not be needed under normal conditions. Use with adequate ventilation. NIOSH approved respirator when in contact with dust, mists or vapor.
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, gases or dusts.
Hands:	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.
Skin/Body	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.
General Hygienic Practices	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.
Component ACGIH, NIOSH, OSHA	Not established

## **Section 9: PHYSICAL AND CHEMICAL PROPERTIES:**

<b>Flash Point:</b>	N/A
<b>Vapor Pressure:</b>	N/A
<b>Physical state:</b>	Liquid
<b>Appearance and Odor:</b>	Pale blue and Odorless
<b>Specific Gravity (H2O=1):</b>	N/A
<b>Auto-ignition Temperature:</b>	N/A
<b>pH:</b>	3.5
<b>Boiling point:</b>	N/A
<b>Auto-ignition temp. (°C):</b>	N/A
<b>Melting Point:</b>	~1°C(30.2°F)

## **Section 10: STABILITY AND REACTIVITY**

Stability:	Stable
Conditions to avoid:	Open flames or other high temperature sources. Which might induce thermal decomposition
Hazardous Decomposition	Not expected

Products:	
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## **Section 11: TOXICOLOGICAL INFORMATION**

Acute Toxicological Data:	No components are considered toxic
Inhalation:	No data available
Oral:	No data available
Dermal:	No data available
Primary skin irritation:	Non irritating
Primary eye irritation:	Slight irritant
Likely routes of Exposure:	Dermal, Ingestion Inhalation
<b>Symptoms and effects:</b>	<b>Acute Effects:</b>
Eye contact:	Eye irritation
Skin contact:	May irritate skin
Ingestion:	May be harmful if swallowed
Inhalation:	May cause respiratory track irritation

## **Section 12: ECOLOGICAL INFORMATION**

Ecotoxicity:	Non-toxic
Persistence and degradability:	N/A
Bioaccumulation potential:	N/A
Mobility in Soil:	N/A
Other adverse effects	N/A

## **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.
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## **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**

TSCA Inventory List:	All components are listed or exempted.
US EPA CERCLA RQ:	No products were found
<b>SARA Title III Section Extremely Hazardous Substance</b>	
Section 304 EHS RQ:	No products were found
Section 302 TPQ:	No products were found
<b>SARA Title III Sec. 311/312:</b>	
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.

### **Section 16: OTHER INFORMATION**

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