

MATERIAL SAFETY DATA SHEET

AXIOM Biochemical Pesticide

SECTION 1..... PRODUCT AND COMPANY IDENTIFICATION.....

Product Brand Name: **AXIOM Plant Growth Stimulator**
 Company: Rx Green Solutions, LLC
 PO Box 3213
 Manchester, NH 03105
 (603) 801-5275

EPA Registration No.: 71771-3-89112
 Chemical Name: Not Applicable
 Common Name: Not Applicable

SECTION 2..... SAFETY INFORMATION ON INGREDIENTS.....

<u>MATERIAL</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Harpin $\alpha\beta$ protein (active ingredient)	None	None Established	None Established
Potassium phosphate dibasic	7758-11-4	None Established	None Established
Potassium phosphate monobasic	7778-77-0	None Established	None Established
Sodium Thiosulfate; Pentahydrate	10102-17-7	None Established	None Established
or Anhydrous	7772-98-7	None Established	None Established

SECTION 3..... HAZARDS IDENTIFICATION.....

Ingestion: Minimal Hazard
 Eye Contact: Minimally irritating
 Skin Contact: Minimally irritating
 Inhalation as Dust: Large quantities may cause irritation of the respiratory tract and/or coughing.
 Other Toxic Effects: N/A

SECTION 4..... FIRST AID MEASURES.....

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.
 IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.
 IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration and get medical attention.

SECTION 5..... FIRE FIGHTING MEASURES.....

Flash Point (Method): N/A
 Flammable Limits (Vol. % in air): N/A
 Auto-ignition Temperature: N/A
 Extinguishing Media: Water
 Unusual Fire and Explosion Hazards: None known

SECTION 6..... ACCIDENTAL RELEASE MEASURES.....

Sweep up and dispose of in compliance with all federal, state and local laws.

SECTION 7.....HANDLING AND STORAGE

Store in original sealed container in an area not accessible to children or unauthorized persons. Keep products away from sunlight, moisture and heat. After opening, use promptly. Do not contaminate food, water or feed by handling and storage.

SECTION 8..... EXPOSURE CONTROL/PERSONAL PROTECTION

Protective Clothing: Waterproof gloves, long sleeve shirt, pants or overalls, shoes and socks.
Respiratory Protection: None required.
Eye Protection: Chemical goggles or safety glasses with side shields recommended.
Ventilation: Use product outdoors or in a well-ventilated area.

SECTION 9..... PHYSICAL AND CHEMICAL PROPERTIES

pH: 6.0-8.5 @ 22°C.
Boiling Point: N/A
% Volatile: Unknown
Melting Point: Unknown
Evaporation Rate: N/A
Freezing Point: N/A
Solubility in Water: Soluble
Bulk Density: ca. 0.47 g/mL
Vapor Pressure @ 25°C: N/A
Appearance and Odor: Tan/blue-colored granules, no discernable odor

SECTION 10..... STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: None known
Incompatibility: None known
Hazardous Decomposition Products: None known

SECTION 11.....TOXICOLOGICAL INFORMATION

TOXICITY DATA:

Rat: Oral LD₅₀ > 5050 mg/kg
Rat: Dermal LD₅₀ > 5050 mg/kg
Rat: Inhalation 4 hr. LC₅₀ > 0.83 mg/L (max. achievable air concentration).
Rabbit: Dermal Irritation: Non-irritant
Rabbit: Eye Irritation: Non-irritant
No known incidents of hypersensitivity.

SECTION 12.....ECOLOGICAL INFORMATION

ECOTOXICITY DATA:

Cladoceran (*Daphnia*): EC₅₀=1473 mg/L; NOEC = 626 mg/L.
Honeybee: No observed toxicity at 13 µg a.i. per bee.
A closely related harpin protein (Harpin_{EA}) is classified as practically non-toxic to birds and fish.

Rx Green Solutions, LLC
EMERGENCY INFORMATION: 1-800-858-7378

SECTION 13.....DISPOSAL CONSIDERATIONS

Reseal in original container and dispose of in accordance with all federal, state and local laws.

SECTION 14..... TRANSPORT INFORMATION

DOT Proper Shipping Name: Not subject to DOT Hazardous Material regulations 49 CFR Part 171-180
DOT Hazard Classification: N/A
DOT Labeling Requirements: N/A

SECTION 15.....REGULATORY INFORMATION.....

Hazardous Substance: N/A
Reportable Quantity: N/A

SECTION 16..... OTHER INFORMATION.....

Rx Green Solutions, LLC believes that the information and recommendations contained herein are accurate as of the date hereof. The information provided herein applies only to the specific product designated and may not be valid where said product is used in combination with any other material or in any process. It is the user's responsibility to determine the suitability of the information for their purposes. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY, OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED HEREIN.

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