1. IDENTIFICATION

Product Identifier
Product Name: AXIOM Plant Growth Stimulator

Recommended use of the chemical and restrictions on use
Recommended Use: Plant Growth Stimulator.

Details of the supplier of the safety data sheet
Supplier Address: Rx Green Solutions
873 Page Street
Manchester, NH 03109

Emergency Telephone Number
Company Phone Number: Business Phone: (603) 769-3450
Fax Phone: (603) 769-3450
Emergency Telephone (24 hr): INFOTRAC 1-800-535-5053

2. HAZARDS IDENTIFICATION

Ingestion
Minimal Hazard

Eye Contact
Minimal Irritating

Skin Contact
Minimal Irritating

Inhalation as Dust
Large quantities may cause irritation of the respiratory tract and/or coughing.

Other Toxic Effects
N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>CAS #</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>HarpinB Protein (Active Ingredient)</td>
<td>None</td>
<td>None Established</td>
<td>None Established</td>
</tr>
<tr>
<td>Potassium Phosphate Dibasic</td>
<td>7758-11-4</td>
<td>None Established</td>
<td>None Established</td>
</tr>
<tr>
<td>Potassium Phosphate Monobasic</td>
<td>7778-77-0</td>
<td>None Established</td>
<td>None Established</td>
</tr>
<tr>
<td>Sodium Thiosulfate; Pentahydrate</td>
<td>10102-17-7</td>
<td>None Established</td>
<td>None Established</td>
</tr>
<tr>
<td>Or Anhydrous</td>
<td>7772-98-7</td>
<td>None Established</td>
<td>None Established</td>
</tr>
</tbody>
</table>
4. FIRST-AID MEASURES

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.

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

6. ACCIDENTAL RELEASE MEASURES

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

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.

8. EXPOSURE CONTROLS/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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Granules</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Tan/Blue Colored Granules</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>6.0-6.5 @ 22°C</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>Not determined</td>
<td></td>
</tr>
</tbody>
</table>
Table of Properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>Not determined</td>
</tr>
<tr>
<td>% Volatile</td>
<td>Not determined</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Soluble</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>Ca. 0.47 g/mL</td>
</tr>
<tr>
<td>Vapor Pressure @ 25°C</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

- **Stability**: Stable
- **Conditions to Avoid**: None Known
- **Incompatibility**: None Known
- **Hazardous Decomposition Products**: None Known

11. TOXICOLOGICAL INFORMATION

- **Toxicity Data**
  - **Rat**: Oral LD50 >5050 mg/kg
  - **Rat**: Dermal LD50 >5050 mg/kg
  - **Rat**: Inhalation 4hr. LC50 >0.83 mg/L (max. achievable air concentration)
  - **Rabbit**: Dermal Irritation: Non-irritant
  - **Rabbit**: Eye Irritation: Non-irritant

  *No known incidents of hypersensitivity.*

12. ECOLOGICAL INFORMATION

- **Ecotoxicity Data**
  - **Cladoceran (Daphnia)**: EC50=1473mg/L; NOEC=626 mg/L.
  - **Honeybee**: No observed toxicity at 13 ug a.i. per bee

  A closely related harpin protein (HarpinEA) is classified as practically non-toxic to birds and fish.
13. DISPOSAL CONSIDERATIONS

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

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

15. REGULATORY INFORMATION

Hazardous Substance: N/A

Reportable Quantity: N/A

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. If 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.

End of Safety Data Sheet