



## Section 1 - Company and Product Information

**Manufacturer's Name:** Ag BioTech, Inc.  
**Manufacturer's Address:** P.O Box 636 Lakeville, NY USA 14480  
**Phone:** +1-585-455-7913  
**Product Name:** Bio Shot™  
**Family/Group:** Soil amendment  
**Chemical Formula:** Mixture  
**Other Designations:** Emulsion in water formulation containing proprietary plant extracts

## Section 2 - Composition/Information on Ingredients

Components	Composition (%) W/W
Triaccontanol	0.2000 %
Brassinolide	0.0050 %
Emulsifiers	5.0000 %

## Section 3 - Hazards Identification

### Emergency Overview

The product is an almost colourless liquid, non toxic, non hazardous, and non inflammable with an almost neutral odour which is intended to be used as a plant growth regulator. There is no specific antidote for any form of irritation observed. Treat symptomatically. Immediately seek medical attention.

### Potential Health Effects:

**Routes(s) of Entry:** Eye , Skin , Oral , Inhalation

**Human effects and symptoms:** May causes irritation of eyes, skin or respiratory tract

**Acute eye contact:** Causes irritation

**Chronic eye contact:** Chronic exposure Is not likely from normal use

**Acute skin contact:** May cause irritation

**Chronic ingestion:** Chronic exposure Is not likely from normal use

**Medical conditions generally aggravated by exposure:** Not known



#### **Section 4 - First Aid Measures**

If poisoning is suspected, consult a physician immediately/ visit the nearest hospital / nearest Poison control centre. The concerned examiner should be informed the complete product name and details and amount of exposure. Describe the symptoms and follow the advice given.

##### **First Aid for Eyes**

Immediately flush eyes with water for 20 minutes. Hold the eyelids apart to rinse the entire surface of eyes and lids. No medicating agents should be applied except on the advice of physician.

##### **First Aid for Skin**

Wash skin with soap and water, including hair and under fingernails. No medicating agents should be applied except on the advice of physician. Remove contaminated clothing and footwear.

##### **First Aid for Inhalation**

Move victim from contaminated area to fresh air. Apply artificial respiration , if necessary

##### **First Aid for Ingestion**

The product is not harmful if ingested. If any irritation is observed give plenty of water to drink and consult a physician.

#### **Section 5 - Fire Fighting Measures**

**Flash Point:** Not applicable

**Flammability Limits:** Not flammable

**Autoignition temp:** Not applicable

**Fire Extinguishing Media:** Water spray, carbon dioxide, dry chemical, foam

**Special Fire-Fighting Information:** Wear full protective clothing and self contained breathing apparatus. Evacuate non essential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Use of contaminated buildings, area and equipment has to be avoided until decontaminated.

**Unusual Fire and Explosion Hazards:** None

#### **Section 6 - Accidental Release Measures**



**Safety gear :** Wear chemical safety glasses with side shields or chemical proof goggles, rubber gloves , rubber boots, long sleeved shirt, long pants, head cap, NIOSH approved dust or pesticide respirator with a dust filter.

**Spills:** Sweep the area and place an approved chemical container. Wash the spill area with water containing a strong detergent, absorb with absorbing material. Seal the container and handle in an approved manner.

## **Section 7 - Handling and Storage**

**Storage Temperature :** Room temperature ( Not more than 40 degree Celsius )

**Storage requirements:** Store the material in a well ventilated, clean, cool and dry place out of reach of children and domestic animals. Keep away from direct sunlight. Keep containers tightly closed when not in use.

**Shelf Life :** Use before expiry date printed on label

**Special sensitivity:** None

**Handling precautions:** Follow normal hygienic and housekeeping standards for agricultural products.

## **Section 8 - Exposure Controls / Personal Protection**

**Oral Protection Requirements:** Avoid eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling the product.

**Eye protection equipments:** To avoid eye contact, wear safety goggles.

**Skin protection requirements:** To avoid skin contact, wear rubber gloves, rubber boots, long-sleeved shirt, long pants, head cap.

**Respiratory / Ventilation: requirements** To avoid breathing dust/drift, use adequate ventilation and wear a NIOSH-approved dust or pesticide respirator with a dust filter.

## **Section 9 - Physical and Chemical Properties**



Physical State:	Liquid
Colour:	Light brown/tan
Specific Gravity:	Specified in Certificate of analysis
Bulk density:	Not applicable
Odour:	Almost odourless
Miscibility:	Soluble in water
pH:	5.5 - 6.2
Stability:	Stable at normal storage conditions
Corrosion:	Nil
Flash point:	Not applicable
% Volatile volume:	Not determined
Vapour pressure:	Not determined
Vapour density:	Not determined
Melting Point:	Not determined
Boiling Point:	Not determined
Freezing Point:	Not determined
Evaporation Rate:	Not determined

## Section 10 - Stability and Reactivity

Stability:	Product is stable.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	None
Decomposition:	Easily biodegradable
Incompatibility:	Strong acids, alkali compounds, oxidizing agents, disinfectants, biocides may inactivate active ingredients
Conditions to Avoid:	Heat, flames, ignition sources and incompatibles. Excessive temperature variations, below 0°C or above 40 °C.

## Section 11- Toxicological Information



Toxicological studies are not available.

## **Section 12 - Ecological Information**

Totally biodegradable in nature

Accumulation not anticipated to bioaccumulate.

Do not apply on water bodies as it may be toxic to aquatic life.

The product contains non-pathogenic, non-hazardous and non-toxic, naturally occurring constituents.

Other adverse effects: There is no ozone depletion, photochemical ozone creation or global warming potential.

## **Section 13 - Disposal Considerations**

Do not reuse product packing materials and residues. Dispose the product packing materials and residues according to local state and federal health and environmental regulations.

Empty containers can be recycled

Never use the empty containers for storing food or water

Avoid waterway and discharging contamination.

## **Section 14 - Transportation Information**

Transportation Data : The product is not regarded as hazardous material  
for all modes of transportation

Hazard Class : Non Hazardous

ID NO : Not applicable

## **Section 15 - Regulatory Information**



## US Federal

**Health & Safety Reporting List:** None of the chemicals are on the Health & Safety Reporting List.  
**Chemical Test Rules:** None of the chemicals in this product are under a Chemical Test Rule.  
**Section 12b:** None of the chemicals are listed under TSCA Section 12b  
**TSCA Significant New Use Rule:** None of the chemicals in this material have a SNUR under TSCA.

**CERCLA Hazardous Substances and corresponding RQs:** None of the chemicals in this material have an RQ.

**SARA Section 302 Extremely Hazardous Substances:** None of the chemicals in this product have a TPQ.

**Section 313:** No chemicals are reportable under Section 313.  
**Clean Air Act:** This material does not contain any hazardous air pollutants.  
This material does not contain any Class 1 Ozone depleters.  
This material does not contain any Class 2 Ozone depleters.

**Clean Water Act:** None of the chemicals in this product are listed as Hazardous Substances under the CWA.  
None of the chemicals in this product are listed as Priority Pollutants under the CWA.  
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

**OSHA:** None of the chemicals in this product are considered highly hazardous by OSHA.

## California Prop 65

**California No Significant Risk Level:** None of the chemicals in this product are listed.

## Section 16 - Additional Information

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case

of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.