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The Herbarie at Stoney Hill Farm, Inc.
630 Turner Road Prosperity, SC 29127
www.theherbarie.com 803-364-9979



Active Micro Systems, LLC • 107 Technology Drive • Lincolnton, NC 28092
(704) 276-7100 • Fax (704) 276-7101

MATERIAL SAFETY DATA SHEET

SECTION I – MATERIAL AND MANUFACTURING IDENTIFICATION

Manufacturers Name:
Active Micro Systems, LLC

Emergency Phone Number
1-704-276-7100

Product Name: **PhytoCide Aspen Bark Extract Powder**
Chemical Family: **Plant Extract**
Chemical Names: ***Populus tremuloides* Bark Extract**

CAS #'s: 999999-99-4
EINECS #'s: 310-127-6

SECTION II – HAZARDS IDENTIFICATION

Main Hazards: None

SECTION III – COMPOSITION / PRODUCT DESCRIPTION

Hazardous components: None

TWA: N/A

Hazard: None

HMIS Codes: H 0
F 0
R 0

SECTION IV –FIRST AID MEASURES

Effects of Single Overexposure: None

EMERGENCY AND FIRST AID PROCEDURES

Skin Absorption: Rinse with soap and water.
Eye Contact: Rinse with water. Consult with a physician.
Inhalation: Remove from exposure area. Consult with a physician.
Skin Contact: Rinse with soap and water. Consult with a physician.
Swallowing: Consult with a physician.

This information is presented in good faith but is not warranted as to accuracy of results. Also, freedom from patent infringement is not implied.
This information is offered solely for your investigation, verification, and consideration.



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SECTION V – MEASURES IN CASE OF FIRE

Flash Point: N/A
Extinguishing Media: Water, dry chemicals, foam, carbon dioxide
Special Fire Fighting Procedures: None known
Unusual Fire and Explosion Hazards: None known

SECTION VI – MEASURES IN CASE OF ACCIDENTAL SPREADING

After Spillage or Leakage:
On Soil Pick up free liquid for recycling or disposal. Residual liquid can be absorbed on an inert material.
On Water Prevent entry into sewers and waterways.
Effect of Single Overexposure: None

EMERGENCY AND FIRST AID PROCEDURES

Skin Absorption: Rinse with soap and water.
Eye Contact: Rinse with water. Consult with a physician.
Inhalation: Remove from exposure area. Consult with a physician.
Skin Contact: Rinse with soap and water. Consult with a physician.
Swallowing: Consult with a physician.

SECTION VII – HANDLING AND STORAGE

Labeling: Keep out of the reach of children. For industrial use, only as directed.
Handling Conditions: Wash hands after use. Avoid storage near feed or food stuffs.
Storage Conditions: Keep container closed. Store in a cool, dry place.

SECTION VIII – CONTROL EXPOSURE – PERSONAL PROTECTION

Respiratory Protection: Dust mask or equivalent
Ventilation: Local exhaust
Protective Gloves: Rubber or neoprene
Other Protective Equipment: Protective clothing to avoid skin contact and eye protection

SECTION IX – PHYSICAL AND CHEMICAL DATA

Vapor Pressure: 20C N/A
Specific Gravity: N/A
Solubility in Water: Soluble
Appearance and Odor: Free flowing powder; Characteristic odor

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SECTION X – STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Avoid extreme heat
Incompatibility:	Avoid contact with strong oxidizers
Hazardous Decomposition:	None known
Hazardous Polymerization:	Will not occur

SECTION XI – INFORMATION ON TOXICITY

Ingestion:	Not determined
Dermal:	Non-Irritant (Dermal Irritation Model)
Ocular:	Minimal Irritant (Ocular Irritation Model)
Inhalation:	Not determined

SECTION XII – INFORMATION ON ECOLOGICAL EFFECT

Biodegradation:	Not determined
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SECTION XIII – DISPOSAL CONSIDERATION

Recover if possible. In so doing, comply with local and national regulations currently in force.

SECTION XIV- INFORMATION ON TRANSPORT

Road (ADR) - Not dangerous for conveyance. Sea transport (IMO/IMDG) - Not dangerous for conveyance. Air transport (ICA/IATA) – Not dangerous for conveyance. Rail (RID) - Not dangerous for conveyance.

SECTION XV - REGULATORY INFORMATION

This product is not classified as dangerous according to 67/548/ECC or 99/45/EC as amended.

TSCA Status:	All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances
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This product contains the following non-hazardous components:
CAS Number

OSHA:

Contents of this MSDS comply with OSHA Hazard Communication Standard 29 CFR 1910.1200.

Clean Air Act Section 112:

This product contains the following components present at or above the OSHA de minus level and listed as Hazardous Air Pollutants: None

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SARA Section 302 Extremely Hazardous Materials:

This product contains the following components listed as Extremely Hazardous Substances:

None

SARA Section 304 CERCLA Hazardous Substances:

None

SARA Section 312 Hazard Class:

Acute:	NO
Chronic:	NO
Fire:	NO
Pressure:	NO
Reactive:	NO

SARA Section 313 Toxic Chemicals:

None present or none present in regulated quantities.

STATE REGULATIONS:

This product contains the following non-hazardous components subject to disclosure under New Jersey Right-To-Know legislation:

CAS Number

SECTION XVI - OTHER INFORMATION

Prepared by: Active Micro Systems, LLC

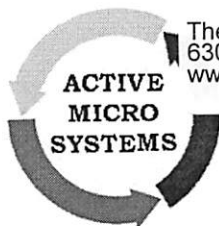
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Certificate of Analysis



Active Micro Systems, LLC • 121 Ethel Road West, Suite 3 • Piscataway, NJ 08854
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Product Name: PhytoCide Aspen Bark Extract Powder
Code Number: M16002
Lot Number: 3498
Manufacture Date: 09/16/2010
Expiration Date: 09/16/2011
CAS #'s: 999999-99-4
EINECS #'s: 310-127-6
INCI Name: *Populus tremuloides* Bark Extract

Specification	Parameter	Result
Appearance	Free Flowing Powder*	Pass
Odor	Characteristic	Pass
Color	White to Light Yellow	Pass
Solubility (in Water)	Soluble	Pass
Solids (1g-105°C-1hr)	92.0% Minimum	97.0
pH (3% solution in Water)	3.8 – 6.2	4.3
Salicylates	54.0 – 60.0%	58.4

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QA Signature Dana Smith

Date 09/21/2010

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