

100-1237

10/29/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Ms. Pat Dinnen  
Label Group Leader of Regulatory Affairs for,  
Syngenta Crop Protection, Inc.  
P. O. Box 18300  
Greensboro, NC 27419

OCT 29 2009

Subject: Fludi-Shield  
EPA Registration Number 100-1237  
Your Notification Dated September 28<sup>th</sup>, 2009  
EPA Received Date September 29<sup>th</sup>, 2009

The notification referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act(FIFRA), as amended, to revise the Storage and Disposal section as per PR Notice 2007-4, is acceptable.

The notification has been made part of your registration file.

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-308-6237.

Sincerely,

A handwritten signature in black ink that reads "M Swindell".

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobial Division(7510P)



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Notification

**Application for Pesticide - Section I**

1. Company/Product Number 100-1237	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Fludi-Shield	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____ Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.).

Notification of label change per PR Notice 2007-4. This Notification is consistent with the guidance of PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§156.10, 156.140, 156.144 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Syngenta is amending the Storage and Disposal section of the label by Notification according to the directions stated in PR Notice 2007-4.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
*Certification must be submitted		If "Yes" Unit Packaging wgt. No. per Container	If "Yes" Unit Packaging wgt. No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 5 gal., 6 gal. 55 gal., and 300 gal.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product		
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input checked="" type="checkbox"/> Other <u>Pressure Sensitive</u>		

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Pat Dinnen	Title Label Group Leader	Telephone No. (Include Area Code) 336-632-2494	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature <i>Pat Dinnen</i>	3. Title Regulatory Specialist		
4. Typed Name Pat Dinnen	5. Date September 28, 2009		

# Certification with Respect to Label Integrity

Version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
100-1237	9/28/2009	000100-01237.20090928.FLUDI-SHIELD_PRN2007-4_SEP2009.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Pat Dinnen  
Signature

September 28, 2009  
Date

Pat Dinnen  
Name (typed)

Label Group Leader  
Title



**Fludi-Shield™**

Fludi-Shield is a fungistatic agent that controls and/or inhibits the growth of many fungi associated with odor, staining and discoloration. Fludi-Shield can be applied to paper, wallboard, paint, coatings, caulks, sealants, adhesives, textiles, rubber, plastic and wood. Fludi-Shield is not intended to protect against food-borne or disease causing organisms. Fludi-Shield is not for use in food or feed handling areas.

Active Ingredient:	
Fludioxonil*.....	40.3%
Other Ingredients:	59.7%
Total:	100.0%

\*CAS No. 131341-86-1

Contains 4.1 pounds of active ingredient per gallon. **Fludi-Shield weighs 10.2 lbs per gallon.**

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

**See additional precautionary statements and directions for use described below or inside booklet.**

Reformulation is prohibited. See individual container labels for repackaging limitations.

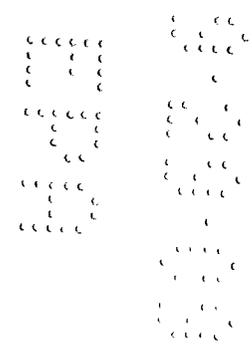
EPA Reg. No. 100-1237

EPA Est. 100-NE-001

Formulated in the USA

SCP 1237A

- 5 gallon (45 pounds)
- 55 gallon (540 pounds)
- 300 gallon (3000 pounds)
- 6 gallon (61 pounds)
- Net Contents



<b>FIRST AID</b>	
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or ambulances, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly.</li> <li>• Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOTLINE NUMBER</b> For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident) Call <b>1-800-888-8372</b>	

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**PRECAUTIONARY STATEMENTS**

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**Hazards to Humans and Domestic Animals**

**CAUTION**

Causes moderate eye irritation. Harmful if absorbed through the skin or inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing vapor or spray mist. Remove contaminated clothing and wash clothing before reuse.

**Applicator and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber.
- Shoes plus socks

**Environmental Hazards**

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsates.

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**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

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**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, INC. or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the fullest extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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### **GENERAL INFORMATION**

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Fludi-Shield is a fungistatic agent that controls and/or inhibits the growth of many fungi associated with odor, staining and discoloration. Fludi-Shield can be applied to paper, wallboard, paint, coatings, caulks, sealants, adhesives, textiles and plastic. It provides an invisible barrier to inhibit the fungal organisms associated with mold and mildew that cause odor, staining and discoloration. Fludi-Shield is not intended to protect users or others against food-borne or disease causing organisms. Fludi-Shield is not for use in food or feed handling areas.

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### **SPECIFIC USE DIRECTIONS**

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#### **PAPER, WALLBOARD (DRY WALL AND GYPSUM BOARD) AND PAPERBOARD PRODUCTS**

Fludi-Shield may be used to protect wallboard, paper, and paperboard products which do not come into contact with food. Paper products that may be treated include: wallboard liner; cream-faced liner; grayback paper; linerboard; ceiling tiles; boxboard; construction materials; core stock; rubber bonded materials; and, waterproof board that are not intended to come into contact with food.

Fludi-Shield can be added anytime during the formulation procedure to components of drywall. Fludi-Shield can be added to the white water at rates of 0.1 to 2.5 pounds active ingredient per ton of dry fiber. Applications can also be made at the size press or water box at a rate of 0.1 to 2.5 pounds active ingredient per ton of dry paper. Fludi-Shield should be applied with thorough agitation.

Fludi-Shield may be applied to the gypsum core of wallboard to inhibit the growth of fungi. Apply 0.05 to 0.6 pounds of active ingredient per 1000 pounds of formulation, i.e. wet slurry.

#### **PAINT - WATER AND OIL BASED**

Fludi-Shield provides dry film protection of fungal molds and mildews in water and oil based paint films. Fludi-Shield does not adversely affect paint films, package stability or cause yellowing of white based paints. Rates of Fludi-Shield in paints are dependent on the individual formulation and the expected severity of exposure conditions. The use rate will vary from 0.005 to 0.1 percent active ingredient by weight of paint. Testing should be done to confirm compatibility of Fludi-Shield with specific paint products.

## **LATEX CAULKS, SEALANTS, ADHESIVES AND BINDERS**

Fludi-Shield will control fungal molds and mildews that cause discoloration and loss of adhesive properties. Fludi-Shield can be applied to gypsum wallboard and joint compounds, ceramic tile adhesives, adhesives for wall covering, adhesive emulsions, acrylic, polyvinyl acrylic and silicone based interior and exterior sealants, carpet backing and adhesives and air filter binders. Sufficient mixing to ensure adequate dispersion is required. To inhibit fungal disfigurement and deterioration Fludi-Shield should be applied at levels between 0.01 and 1.0 percent active ingredient by weight.

For use in adhesives, Fludi-Shield may not be applied using the open-pour method.

## **NATURAL AND SYNTHETIC FIBERS - TEXTILES, FABRICS, CANVAS AND CORDAGE**

Fludi-Shield will control mold and mildew that cause odor and stain on products such as canvas, cordage, filters, shower curtains and drapes. Fludi-Shield also protects building materials such as awning, boat covers, carpets (fibers and backing), cordage, tents, tarpaulins and wall-covering yarn. Fludi-Shield may be applied at dosage levels from 0.1 to 0.7% based on finished fabric.

## **RUBBER AND PLASTIC PRODUCTS**

Fludi-Shield is recommended for PVC (polyvinylchloride), polypropylene, polyethylene, polyurethane, rubber, thermoplastic rubber, and other polymeric products, coatings, adhesives, foams, and sealants requiring protection against biodeterioration. Do not use Fludi-Shield in plastics that can be used in the manufacture of food and beverage containers, including plastic piping for carrying water or beverages and piping for food processing equipment.

Fludi-Shield will control mold and mildew on rubber and plastic products. Fludi-Shield may be applied at rates from 0.01 to 0.8 percent active ingredient by weight. The temperature stability of Fludi-Shield may be influenced by the choice of heat stabilizer and plasticizer in the formulation. Testing should be done to confirm compatibility of Fludi-Shield with specific rubber or plastic products.

For use in plastics, Fludi-Shield may not be applied using the open-pour method.

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## **POST-MANUFACTURING USE DIRECTIONS**

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This product is intended for use by commercial service providers only. This product is not intended for application by homeowners. For use in commercial applications in homes, vehicles, institutions such as schools, public buildings, daycare centers, hospitals, nursing homes, churches, and correctional facilities; and commercial buildings such as transportation terminals, warehouses, office buildings, manufacturing facilities; lodging establishments, retail businesses and athletic/recreational facilities.

Do not use Fludi-Shield in areas of facilities where food can be held, processed, prepared, or consumed.

### **Water Damage Remediation, Cleanup and Mold Prevention**

Strategies to respond to water damage within 24-48 hours are a key part of a mold prevention program. It is very important to avoid the need for remediation of mold growth by taking quick action before growth starts. Use professional judgment, consult with local experts and/or refer to EPA guidance documents such as ("*Mold Remediation in Schools and Commercial Buildings*", [www.epa.gov/mold/moldresources.html](http://www.epa.gov/mold/moldresources.html)) for more information on how to cleanup after water damage.

***If mold or mildew is present follow the Mold Remediation Methods section of this label before treating.***

### **SPRAYING AND MIXING**

Prior to application, thoroughly clean surfaces to remove loose existing dirt. Follow specific directions for surfaces listed on this label.

Prepare a solution by adding the required amount of Fludi-Shield to ½ the final volume of water in the spray container, mix thoroughly, and add the remaining ½ volume of water to the container. Prepare no more mixture than is necessary for the immediate use.

To prepare the spray solution, add 0.25 oz. (½ tablespoon or 1.5 tps. or 7.5 ml) of Fludi-Shield to 1 gallon of water (0.1%, 1000 parts per million) and mix thoroughly. Apply 1 gallon of solution per 250 to 800 square feet of application surface. See detailed instructions for each surface type. Volumes of water should be adjusted to deliver the proper amount of water for treatment of the surfaces listed below without excessive wetting or soaking. Conduct trial application with water alone to determine appropriate volume. During application, do not allow excessive soaking, saturation, dripping or run-off to occur. Evenly apply to the surfaces listed below.

**Apply as needed for prevention of molds and mildews that cause odors, discoloration or staining, but do not exceed 4 applications per year to the same surface or area.** Make applications as part of a routine cleaning program or immediately following remediation.

If the application is made in a large volume of water in enclosed spaces, that area should be dried as soon as possible to prevent conditions favorable to mold growth. To assist the drying process after cleaning, remediation or application of this product use of fans, dehumidifiers, heaters or other methods of ventilation are encouraged. Please consult with your local county extension office or EPA, [www.epa.gov/mold/moldresources.html](http://www.epa.gov/mold/moldresources.html) for more information.

**KEEP CHILDREN, PETS AND BUILDING OCCUPANTS AWAY FROM TREATED AREAS/SURFACES UNTIL SPRAY HAS DRIED FOLLOWING THE APPLICATION.**

## SPECIFIC DIRECTIONS FOR VARIOUS SURFACES

### CARPET

Spot test an inconspicuous area of carpet with the prepared spray solution to ensure dyes will not bleed or that staining will not occur.

Carpets should be vacuumed thoroughly and vacuum cleaner bag discarded in an outdoor trash container prior to spray treatment.

- **Broadcast treatment** using commercial carpet-cleaning equipment (e.g., carpet steamers, rotary jet extraction cleaners, pressure sprayers):
  - Mix in tank as described above. Evenly apply the prepared 0.1% solution over the carpet using 1 gallon of solution per 250 to 800 square feet. Conduct trial application with water alone to determine appropriate volume described in the Spraying and Mixing Section. Apply sufficient amount to dampen carpet. Do not soak, or allow dripping or run-off to occur. Any drips or run-off should be blotted dry with a disposable cloth or sponge. Allow carpet to dry before re-entry.
- **Spot treatment:**
  - Use a pump sprayer with wand. Hold the end of the wand 4-6 inches from the surface, using smooth back and forth motions to cover the entire target area to ensure complete coverage, dampen but do not soak surface. Any drips or run-off should be blotted dry with a disposable cloth or sponge. Allow areas to dry before re-entry.
  - Dry carpets within 24 hours to prevent conditions favorable to mold growth. To assist the drying process after cleaning, remediation or application of this product use of fans, dehumidifiers, heaters or other methods of ventilation are encouraged. Please consult with your local county extension office or EPA, [www.epa.gov/mold/moldresources.html](http://www.epa.gov/mold/moldresources.html) for more information.

### **WOOD AND DRYWALL:**

Apply to exposed and/or structural wood surfaces and drywall to prevent and control mold and mildew. Examples include exterior decking, and exposed joists or subflooring in basements, crawlspaces, attics and garages, as well as exposed drywall or particleboard in same or similar areas. Heavily soiled areas must be precleaned prior to application. NOT for use in areas where food/feed items are present. Use a pump sprayer with wand. Hold the end of the wand 4-6 inches from the surface, using smooth back and forth motions to cover the entire target area to ensure complete coverage, dampen but do not soak surface. If soaking or drips do occur, blot dry with a disposable cloth or sponge. Allow areas to dry before re-entry.

Dry wood and drywall within 24 hours to prevent conditions favorable to mold growth. To assist the drying process after cleaning, remediation or application of this product use of fans, dehumidifiers, heaters or other methods of ventilation is encouraged. Please consult with your local county extension office or EPA, [www.epa.gov/mold/moldresources.html](http://www.epa.gov/mold/moldresources.html) for more information.

### **OTHER HARD, NON-POROUS SURFACES:**

This product inhibits the growth of molds and mildews that cause odor, staining and discoloration in bathrooms, restrooms, garbage storage areas, and basements. Use Fludi-Shield in a pump sprayer as a spot treatment to treat the following surfaces in bathrooms and restrooms: floors, walls, painted surfaces, metal surfaces, stainless steel surfaces, glazed ceramic tile, glazed porcelain, fiberglass (e.g. bathtubs and shower stalls), plastic surfaces, vinyl surfaces; as well as Formica, granite, marble, or other polished stone surfaces. Spot test on an inconspicuous area before use. Remove visible dirt or soil prior to application. Use a pump sprayer with wand. Hold the end of the wand 4-6 inches from the surface, using smooth back and forth motions to cover the entire target area to ensure complete coverage; dampen but do not saturate surface. If drips do occur, dry with a disposable cloth, sponge or mop. Allow areas to dry before re-entry.

### **MOLD REMEDIATION METHODS:**

To use this product in a remediation situation please follow the cleanup instructions for the surface affected that follow. After remediation is complete follow the directions for use. Remediation of moldy carpet is not recommended,

**Small Areas – Total Surface affected is Less than 10 Square Feet**

**WOOD SURFACES**

Cleanup Methods\*

Prior to applying Fludi-Shield, clean the affected area using one of the following or another preferred professional method.

- Method 1: Wet vacuum (in the case of porous materials, some mold spores/fragments will remain in the material but will not grow if the material is completely dried).
- Method 2: Damp-wipe surfaces with plain water or use a wood floor cleaner; scrub as needed.
- Method 3: High-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in a well-sealed plastic bag(s).

Minimum personal protective equipment to be worn during cleanup includes gloves, N-95 respirator and goggles/eye protection.

**WALLBOARD (DRYWALL AND GYPSUM BOARD)**

Cleanup Methods\*

Prior to applying Fludi-Shield, clean affected area using a HEPA vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in a well-sealed plastic bag(s).

Minimum personal protective equipment to be worn during cleanup includes gloves, N-95 respirator and goggles/eye protection.

**Medium Areas – Total Surface affected is between 10 and 100 Square Feet**

**Containment of Affected Materials**

Use polyethylene sheeting ceiling to floor around affected area with a slit entry and covering flap; maintain area under negative pressure with HEPA filtered fan unit. Block supply and return air vents within containment area.

**WOOD SURFACES**

Cleanup Methods\*

Prior to applying Fludi-Shield, clean the affected area using one of the following or another preferred professional method.

- Method 1: Wet vacuum (in the case of porous materials, some mold spores/fragments will remain in the material but will not grow if the material is completely dried).
- Method 2: Damp-wipe surfaces with plain water or use a wood floor cleaner; scrub as needed.
- Method 3: High-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in a well-sealed plastic bag(s).

### **WALLBOARD (DRYWALL AND GYPSUM BOARD)**

#### **Cleanup Methods\***

- Method 1: HEPA vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in a well-sealed plastic bag(s).
- Method 2: Discard/remove water-damaged materials and seal in plastic bags while inside of containment, if present. Dispose of as normal waste. HEPA vacuum area after it is dried.

Limited or Full personal protective equipment is recommended during cleanup. Limited personal protective equipment includes gloves, N-95 respirator or half-face respirator with HEPA filter.

Use professional judgment; consider potential for remediator exposure and size of contaminated area.

**Large Areas – Total Surface affected is Greater than 100 Square Feet or Potential for Increased Occupant or Remediator Exposure during Remediation is estimated to be Significant**

#### **Containment of Affected Materials**

Use two layers of fire-retardant polyethylene sheeting with one airlock chamber. Maintain area under negative pressure with HEPA filtered fan exhausted outside of building. Block supply and return air vents within containment area.

### **WOOD SURFACES**

#### **Cleanup Methods\***

Prior to applying Fludi-Shield, clean the affected area using one of the following or another preferred professional method.

- Method 1: Wet vacuum (in the case of porous materials, some mold spores/fragments will remain in the material but will not grow if the material is completely dried).
- Method 2: Damp-wipe surfaces with plain water or use a wood floor cleaner; scrub as needed.

- Method 3: High-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in a well-sealed plastic bag(s).
- Method 4: Discard/remove water-damaged materials and seal in plastic bags while inside of containment, if present. Dispose of as normal waste. HEPA vacuum area after it is dried.

### **WALLBOARD (DRYWALL AND GYPSUM BOARD)**

#### **Cleanup Methods\***

- Method 1: HEPA vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in a well-sealed plastic bag(s).
- Method 2: Discard/remove water-damaged materials and seal in plastic bags while inside of containment, if present. Dispose of as normal waste. HEPA vacuum area after it is dried.

Limited or Full personal protective equipment is recommended during cleanup. Limited personal protective equipment includes gloves, N-95 respirator or half-face respirator with HEPA filter.

Use professional judgment, consider potential for remediator exposure and size of contaminated area.

#### **\*Special Procedures:**

In the absence of access to the guidance and standard identified, the user should refer to the following information taken from the U.S. EPA's guide: "*Mold Remediation in Schools and Commercial Buildings (March 2001)*". These guidelines are designed to protect the health of occupants and cleanup personnel during remediation. These guidelines are based on the area and type of material affected by water damage and/or mold growth. Please note that these are guidelines; some professionals may prefer other cleaning methods. Use the appropriate remediation steps prior to application of Fludi-Shield.

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### **STORAGE AND DISPOSAL**

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Do not contaminate water, food, or feed by storage or disposal.

#### **Pesticide Storage**

Store in original containers only. Keep container tightly closed when not in use. Store in a secure area inaccessible to children and away from food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

#### **Pesticide Disposal**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### Container Handling

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**DO NOT USE CONTAINER FOR FOOD, FEED, OR DRINKING WATER.**

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Fludi-Shield™, the Syngenta logo and the CP FRAME  are trademarks of a Syngenta Group Company

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For non-emergency (e.g. current product information) call  
Syngenta Crop Protection at 1-800-334-9481.

Manufactured For:  
Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300  
[www.syngenta-us.com](http://www.syngenta-us.com)

SCP 1237A

Fludi-Shield 1237 MAS 1207 – bb – 9-21-07  
Fludi-Shield 1237 MAS 1207 PRN2007-4 NOTIF-SEP2009 CLEAN – pl – 9/28/09  
000100-01237.20090928.FLUDI-SHIELD\_PRN2007-4\_SEP2009.pdf