

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 29, 2011

Mr. Jan Brill  
Bayer Environmental Science  
2 T.W. Alexander Drive  
Raleigh, NC 27709

Subject: Amended Reregistration Label  
Product Name: Perigen Industrial Moth Proofer  
EPA Registration Number: 432-1153  
EPA Decision Number(s): 413526

Dear Mr. Brill:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Permethrin RED(s), and has concluded that your submission is acceptable.

NOTE: This product is **not** being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 2/15/2010
- Alternate CSF #1, dated 2/16/2010

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped

after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Julie Chao at (703) 308-8735 or via e-mail at [chao.julie@epa.gov](mailto:chao.julie@epa.gov)

Sincerely,



 Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

*Enclosures: Label stamped "Accepted," dated September 29, 2011  
Acute Toxicity Review, dated August 11, 2010  
Product Chemistry Review, dated January 13, 2011*

310

ACCEPTED

SEP 29 2011

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under:

# PERIGEN<sup>®</sup> INDUSTRIAL MOTHPROOFER

EPA. Reg. No: 432-1153

- \* AN INSECTICIDE FOR MANUFACTURING USE ONLY.
- \* FOR MANUFACTURING USE IN PRODUCING WOOL AND WOOLY POLAMIDE BLENDS.
- \* PERIGEN IS STABLE IN BOILING ACID AND NEUTRAL (BELOW Ph 7.5) dyebaths for at least 7 hours.
- \* PERIGEN EXHIBITS VERY GOOD LEVELING PROPERTIES. IT CAN BE APPLIED AT A Ph range of 2.5-6.0.
- \* THE MOTHPROOFING PROPERTIES OF PERIGEN ARE NOT GENERALLY ADVERSELY AFFECTED BY LEVELING AGENTS IN DYE-BATHS.
- \* PERIGEN DOES NOT HAVE A RETARDING EFFECT OF THE DYESTUFF AFFINITY TO WOOL OR WOOL/NYLON BLENDS.
- \* A DURABLE MOTHPROOFING AGENT FOR WOOL AND OTHER PROTEINACEOUS FIBERS.
- \* PERIGEN INDUSTRIAL MOTHPROOFER IS AN INSECTICIDE FOR USE BY PROFESSIONAL OPERATORS FOR THE PROTECTION OF WOOL AND WOOL/POYAMIDE BLENDS AGAINST WOOL PESTS.
- \* THE PRODUCT CAN BE APPLIED BY SEVERAL METHODS: DYEBATH, AFTER TREATMENT, BATCHWISE OR CONTINUOUS SCOURING OR WASHING (RAW OR FABRIC), YARN IN THE SPINNING LUBRICANT, SPECIALIZED CARPET TREATMENTS, SOFTENER BOWL OF KROY HERCOSETT, REDUCTION BLEACHING.

**ACTIVE INGREDIENTS:**

\*Permethrin.....12.0%

**OTHER INGREDIENTS\*\*:**.....88.0%

**Total**.....100.0%

\*(3-phenoxyphenyl)methyl(+/-)cis/trans 3-(2,2-dichloroethenyl) 2,2 dimethylcyclopropanecarboxylate. Cis/trans ratio: min.35% (+/-) cis and max. 65% (+/-) trans.

\*\* Contains Petroleum Distillate

EPA Reg. No. 432-1153

EPA Est. No.

## KEEP OUT OF REACH OF CHILDREN CAUTION

### FIRST AID

<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 to 20 minutes.</li> <li>• Call a <i>poison control center or doctor for treatment advice.</i></li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a <i>poison control center or doctor for treatment advice.</i></li> </ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a <i>poison control center or doctor immediately for treatment advice.</i></li> <li>• Do not give any liquid to the person.</li> <li>• Do not induce vomiting unless told to do so by a <i>poison control center or doctor.</i></li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<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 an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a <i>poison control center or doctor for further treatment advice.</i></li> </ul>

In case of emergency call toll free the Bayer Environmental Science Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

**For Product Information Call, Toll-Free: 1-800-331-2867**

**Note To Physician:** Contains petroleum distillate - vomiting may cause aspiration pneumonia.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Avoid contact with skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are nitrile or butyl rubber. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Mixers, loaders, applicators, and handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves for all handlers except for applicators using motorized ground equipment, pilots, and flaggers,
- Chemical-resistant apron for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate.

Follow manufacturer's instructions for cleaning and maintaining Personal Protective Equipment (PPE). If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### User Safety Recommendations

#### Users should:

Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic organisms, including fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

### Physical and Chemical Hazards

Combustible. Do not use or store near heat or open flame.

### DIRECTIONS FOR USE

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

PERIGEN INDUSTRIAL MOTHPROOFER does not stain or color wool. PERIGEN prevents feeding and kills insect pests of wool. Permethrin has a high affinity for wool and does not bind preferentially to polyamide in wool/polyamide blends. For this reason there is no requirement for increased application rates of PERIGEN when treating wool/polyamide blend yarns.

#### Entry Restriction

- Do not enter or allow others to enter treated area until sprays have dried.

#### Application Restrictions

- Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
- Do not breathe dust, vapors, or spray mist.
- Do not exceed an application rate of 1.25 grams a.i. permethrin per square meter of fabric.

PERIGEN is fast to washing, perspiration, abrasion, shampooing, and dry cleaning. It also provides adequate protection of wool from attack by larvae of: -

- |        |                          |                              |
|--------|--------------------------|------------------------------|
| moths: | the brown house moth     | Hofmanophila pseudopretella- |
|        | the webbing clothes moth | Tineola bisselliella         |
|        | casebearing clothes moth | Tinea translucens            |
|        | casebearing clothes moth | Tinea pellionella            |
|        | casebearing clothes moth | Tinea dubiella               |

- |                |                      |
|----------------|----------------------|
| fur beetles:   | Anthrenus flavipes   |
|                | Anthrenus verbasci - |
| carpet beetles | Attaenus meeatoma    |

Continuous Scouring, or Washing

The continuous application of PERIGEN is only economical if large quantities of wool are being processed because of the initial charge required in the treating bath. The mothproofing agent should be applied from the last bowl or washbox with no further rinsing. To ensure that PERIGEN is being applied uniformly, it is necessary that the diluted product be added continuously to keep the bath concentration fairly constant.

Yarn in the Spinning Lubricant

PERIGEN may be applied in spinning lubricant applied to yarn which is then subjected to steaming. The steaming process should be of at least 8-10 minutes duration at 221°F (105°C).

PERIGEN may be applied in spinning lubricant applied to yarn to be made up into carpet which will be foam backed. In this case the finished carpet will be subjected to the following foam backing sequence of at least 10 minutes duration: steam - precoat - dry -foam application - bake.

Specialized Carpet Applications

PERIGEN may be applied to carpets as a spray prior to backing application and as an addition to the print paste. Details are given under Methods of Application.

Kroy-Hercosett

PERIGEN may be applied from the final softener bowl of the back-washing line (95-194°F or 35-90°C) of the Kroy Hercosett treatment to proof blankets, curtains and car seat covers.

METHOD OF APPLICATION

Dyebath

1. Dilute the product with water and add to the dyebath prior to adding the acid.
2. Then add the other auxiliaries, acid and dyes. Run in the usual manner.

Application for stock, yard, or piece dyeing and yarn setting

The calculated quantity of PERIGEN to give the % o.w.g. for the level of protection required is added to the dyebath or setting bath after diluting with water at a rate of 1 part PERIGEN to 3 parts water. The calculated quantity of PERIGEN should preferably be added to the cool bath before immersing the wool or yarn.

PERIGEN may be applied in the dyebath during loose stock, yarn and piece dyeing.

When fabrics or yarns are to undergo further finishing after dyeing (e.g. tape scouring of stock-dyed carper yarns, piece scouring stock or yarn dyed upholstery fabrics) PERIGEN should be applied during dyeing is unavoidable then application rates should be increased by 25%.

PERIGEN may also be applied during the dyeing of yarn for carpets which will be chemically washed (to provide a high-luster finish).

However, because the chemical washing procedure removes a proportion of the permethrin applied, higher initial application rates must be adopted.

PERIGEN may also be applied to as little as 20% of yarn intended for carpet manufacture if treatment levels are raised and the treatment yarn is intimately mixed with untreated yarn. This is particularly suitable for dry-spinning operations in which the dyed portion of a berber blend may be overtreated or even blank-dyed for the purposes of applying PERIGEN. Fastness achieved in the dyebath is greater than by lubricant application allowing a technically superior result at economic cost.

Application for blankets, curtains and car seat covers

PERIGEN is applied in the dyebath after diluting at a rate of 1 part PERIGEN to 3 parts water. The dyebath should be acidified by the addition of 3% on weight of wool (o.w.w) formic acid 90%. The material is allowed to wet thoroughly at 68°F (20°C) and the diluted PERIGEN then added. The temperature of the dyebath is then raised to the boiling point and held at that temperature for 30 minutes.

After treating Bath

1. Dilute PERIGEN in water and add to the treatment bath containing the goods at 115°F (46°C).
2. Then add X% (o.w.g.) acetic acid, prediluted with water (pH 4-5).
3. Run 30 minutes.

The treated fabric does not require a subsequent rinse. The addition of cold water to the treating bath for cooling down does not affect the mothproofing effect.

Carpets

PERIGEN may be applied in the final acidification step of chemical washing. The calculated quantity of PERIGEN and acetic acid (1% o.w.g.) are mixed with sufficient water to give a liquid to carpet ratio of 3 parts liquid to 1 part carpet by weight. The liquid is heated to 122°F (50°C) and sprayed onto the carpet. Brush the face of the pile (and occasionally the back of the carpet) for 5 minutes. Allow to stand for 10 minutes and repeat the brushing procedure for 5 minutes. Remove excess water using squeegees and allow to dry.

PERIGEN may also be used as an after-treatment following chemical washing. The carpet should be immersed in water at 68°F (20°C) containing the calculated amount of PERIGEN to give the % o.w.g. for the level of protection required (i.e. 0.3 or 0.45% PERIGEN o.w.g.) using liquid to carpet ratio of 10 parts liquid to 1 part carpet by weight. The liquor should be forced into the carpet by applying frequent pressure to the carpet for a period of approximately 10 minutes. Acetic acid should then be added to the bath at 1% o.w.g. and further pressure applied to the carpet for a period of 20 minutes, turning the carpet occasionally when possible. Remove carpet from treating vessel and remove excess water using squeegees. Allow to dry.

When carbonized goods are to be treated, they have to be neutralized with ammonia to PH 67 prior to the PERIGEN application. Residual amounts of the carbonizing acid can cause too fast striking of the PERIGEN.

Continuous Scouring or Washing

1. The last bowl is set with - 0.5 g/l(0.07 oz/gal) PERIGEN at a temperature of 115-120°F (46-49°C).
2. Subsequent additions are based on the hourly output of wool- 0.5% on the weight of raw wool. The PERIGEN is diluted with water, and this solution is added continuously to the bath during the entire treatment or, if this is not possible, in portions.
3. Example: A 2,000-pound lot of wool is to be washed and treated with PERIGEN. The hourly output of the continuous washer is 440 pounds. The capacity of the last bowl in the washer is 528 gallons-

Initial Charge: 0.5 g/l = 2.25 pounds PERIGEN/528 gallons

Subsequent Adds: 0.5% of 2,000 pounds = 10 pounds PERIGEN

These adds would be approximately 2 pounds/hour. Dilute this amount to 12 gallons with water and add 1 gallon every 5 minutes unless a continuous feed system is available. The degree of dilution can be varied somewhat, but the higher the dilution, the better for uniformity in adding to the treatment bath.

PERIGEN may also be applied continuous scouring by metered addition. In this process before any yarn is treated, the final bowl should be charged at a rate of 0.3 ml PERIGEN, or 1.2 ml of diluted PERIGEN per liter (4.5 ml diluted per gallon) of liquor volume and thoroughly stirred. The metering device should be filled with diluted PERIGEN and stirred every hour. During the passage of yarn through the bowl the diluted PERIGEN should be metered into the bowl at a rate of 83.5 oz. or 167.3 oz. pr 1000 lb. of yarn (equivalent to 0.16 or 0.32% o.w.g.) depending on the level of protection required.

Yarn in the Spinning Lubricant

Select a spinning lubricant compatible with PERIGEN.

The quantity of spinning lubricant (usually mixed with water) which is retained by a given quantity of wool during yarn spinning should be calculated.

Select the level of protection required (i.e. 0.16 or 32% o.w.g. for lubricant/steaming treatments, and 0.38% or 0.82% o.w.g. for lubricant treatment followed by foam backing) and then dilute the PERIGEN in the total volume of lubricant so that the volume retained by each batch of yarn after spinning will contain sufficient PERIGEN to give the required % o.w.g.

To optimize the uptake of PERIGEN add a small of acid (e.g. acetic acid) to the spinning solution to obtain a final pH of 5-6. Mix the product in the tank to obtain and keep a homogenous product. If possible, warm the spraying solution to 122°F (50°C). Treatment of the yarn should then follow normal lubricant application practice.

Specialist Carpet Applications

PERIGEN may be applied as a spray prior to backing application. This application method may leave a relatively high deposit of active ingredient on the surface of the carpet, the finish of which may therefore be detrimentally affected. Spraying should be carried out as the carpet is being conveyed to the packing process. Spray nozzles should be set up to give complete coverage across the width of carpet. Nozzles should be selected to provide a coarse spray. The volume of water picked up by a given weight of carpet should first be determined. PERIGEN should then be diluted with water as appropriate to achieve desired application rates at this predetermined pick-up rate. Addition of a small quantity 1ml/Liter) of 80% acetic acid to the emulsion may aid fastness.

During the subsequent backing procedure the carpet should pass - through the following sequences: steam - precoat - dry - foam back - bake.

PERIGEN may be applied by addition to the print paste. This application method may leave a deposit of active ingredient on the surface of the carpet, the finish of which may therefore be detrimentally affected. It should only be used for all-over print patterns (or if a blank paste containing PERIGEN is used in uncolored areas) and if printing is followed by steaming. Penetration of print paste to the base of the tufts should be ensured.

Oxidative/Reductive Bleaching PERIGEN may be applied during a two part oxidative/reductive bleaching process by addition to the reductive bleaching liquor (eg. Stabilized hydrosulphite solution).

Horse Hair and Bristles

Treat the loose material for 1 hour at 120 -130°F (50-55°C) with 0.3-0.5% (o.w.g.) PERIGEN; pH 4.0-4.5 (acetic acid).

If the loose material is to be dyed, the PERIGEN can be added to the dyebath.

**APPLICATION RATES**

Article	Treatment	Rate*	General Recommendations
		% o.w.g**	% o.w.g.
Carpet treatments	Yarn in dyebath	0.12-0.25	0.3
	Spray prior to foam backing	0.25-0.53	
	Printing	0.15-0.31	
	Final acidification during chemical washing	0.3-0.45	
	After treatment following chemical washing	0.3-0.45	
Blankets, curtains and car seat covers	Dyebath	0.13-0.29	0.3
	Reduction bleaching	0.22-0.46	
	After treatments	0.16-0.77	
	Softener bowl of Kroy Hercosett	0.18-0.39	
Yarn, stock, piece dyeing/yarn setting	Dyebath	0.12-0.25	0.3
Yarn, stock, piece dyeing/yarn setting, fabric finishing	Dyebath	0.15-0.31	0.3
Yarn dyeing	Dyebath	0.35-0.75	0.5
Chemical washing			
Yarn	Spinning lubricant followed by steaming	0.16-0.32	0.3
	Foam backing	0.38-0.82	0.5
	Yarn, stock, piece dyeing/yarn setting	0.12-0.25	0.3
	Yarn, stock, piece dyeing/yarn setting, further finishing	0.15-0.31	
	Yarn dyeing – chemical washing	0.35-0.75	
	Blankets, curtains and car seat covers	0.13-0.29	
Scour	Batchwise or continuous scour	0.16-0.32	0.3
	Raw wool scour	0.20-0.40	
	After treatment following finishing	0.20-0.40	
Spinning Lubricatn	Yarn - followed by steaming	0.16-0.32	0.3
	Yarn - foambacking	0.38-0.82	0.5
Carpet treatments	Spray prior to foam backing	0.25-0.53	0.3
	Printing	0.15-0.31	
	Final acidification during washing	0.30-0.45	
	After treatment following chemical washing	0.30-0.45	
Blankets, curtains, seat covers	Reduction bleaching	0.22-0.46	0.3
	Softener bowl of Kroy Hercosett	0.18-0.39	
	After treatments	0.16-0.77	
Scour	Batchwise or continuous scour	0.16-0.32	0.3
	Raw wool scour	0.20-0.40	
	After treatment following finishing	0.20-0.40	

\* Rates are based on IWS RAL's and vary on degree of fastness required. General recommendations provide rounded figures to provide adequate protection under most circumstances.

\*\*% owg refers to percent on weight of goods.

---

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE AND SPILL PROCEDURES:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

**CONTAINER DISPOSAL:**

**For Non-Refillable Containers:**

**Non-refillable container.** Do not reuse or refill this container. 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. Offer for recycling, if available or dispose of empty bag in a sanitary landfill or, if allowed by government regulations, by burning or incineration. If bag is burned, stay out of smoke. Consult Federal, State or Local disposal authorities for approved alternative procedures.

**For Refillable Containers:**

**Refillable container.** Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

---

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, because of manner of use and other factors beyond Bayer CropScience's LP control it is impossible for Bayer CropScience LP to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer C TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, Bayer CropScience LP disclaims any liability whatsoever for special, incidental or consequential damages, resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE'S LP ELECTION, THE REPLACEMENT OF PRODUCT.

**PRODUCED FOR**

 **Bayer Environmental Science**

A Business Group of Bayer CropScience LP  
2 T. W. Alexander Drive  
Research Triangle Park, NC 27709

Perigen Industrial Mothproofers (PENDING) 01/15/10, Resubmitted 09-19-11