

39967-49



11-25-2009  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20

1/3

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

NOV 25 2009

Lanxess Corporation  
111 RIDIC Park West Drive  
Pittsburgh, PA 15275-1112

Attn.: Luanne Jeram  
Senior Regulatory Affairs

Subject: Preventol A5-S  
EPA Registration No. 39967-49  
Submission Dated May 28, 2009

This letter is in reference to your amendment application submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended to add a "Roof Coating" use pattern to the registered pesticide label. The proposed roof coating use is conditionally acceptable on a Time-Limited basis and expires on November 24, 2011.

A copy of the applicable labels, stamped "Accepted with comments" is attached for your records.

The Agency has conducted a Human Toxicological Risk and Cancer Assessment and an Assessment of an Environmental Modeling Study submitted by the company.

The Agency has determined that the roofing use pattern is conditionally acceptable; however, additional data is needed to address several variables in the Environmental Modeling Study and thus various results in the toxicological assessment based upon these variables.

The Agency's preliminary conclusion is that nitrosoamine cancer risks from the proposed roofing uses should be minimal. However, we note that this assessment is associated with a high degree of uncertainty, particularly, since measured, or quantitative, field data for parent compound, major degradates, and/or nitrosoamines are not available to assist us in our deliberations. Considering this, and in an attempt to reduce the uncertainty associated with this preliminary

evaluation, we conclude that additional data are required. Such data must be developed during typical use of the product as a roofing compound, and could be generated under a conditional registration. Specifically:

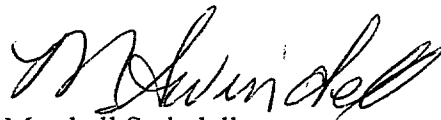
Additional environmental modeling for other parts of the U. S. is needed; the registrant should consider modeling areas in the southeast and northwest where rainfall events may be higher. These data are to be conducted and submitted to the Agency within five months of the date of this acceptance letter.

A limited monitoring study, which addresses the roofing use pattern, is required and must be submitted. A protocol must be submitted to the Agency prior to initiation of this study and specifically within six months of the date of this acceptance letter. Such a study is needed to determine the extent and duration of residues of parent compound and major degradates (e.g., DMST) in waters which run off treated roofs. These data could then be used to estimate nitrosoamines in surface water and drinking water and would alleviate the need to estimate leaching amounts from the roof matrices. The monitoring study is required to be submitted within 2 years of the date of this acceptance letter.

Failure to find the data valid and the risk assessment acceptable may result in EPA issuing a notice to cancel the roof coating use pattern under FIFRA Section 6(c). This time-limited approval will expire automatically on 11/24/2011. Sale or distribution of the subject product bearing labeling for the roof coating use after 11/24/2011 containing the roof coating use pattern will be illegal.

If you have any questions concerning this letter please contact Martha Terry at (703) 308-6217.

Sincerely yours,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)

# Preventol A5-S

AN ALGICIDAL, FUNGICIDAL, SLIMICIDAL AND ANTIFOULING INGREDIENT FOR USE IN MANUFACTURING AND FORMULATING ANTIFOULING PAINTS AND ROOF COATINGS:

ACTIVE INGREDIENT: Tolyfluaniid	-----98.1%
OTHER INGREDIENTS	-----1.9%
TOTAL	-----100.0%

**KEEP OUT OF REACH OF CHILDREN**

## WARNING

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING.** Causes skin irritation. Causes substantial but temporary eye injury. Harmful if inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get on skin, in eyes, or on clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove contaminated clothing before reuse.

**Prevention:** During handling of Preventol A5-S, wear protective clothing including protective eyewear (goggles or face shield), a full-face dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH-approved full-face respirator with any N, R, P or HE filter, apron, long sleeves, and chemical resistant gloves. For operations using more than 25 kg (1 bag) of Preventol A5-S, an automated, enclosed hopper must be used.

**Antifoulant and Roof coating application:** Wear protective eyewear, chemical resistant gloves, a long-sleeved shirt, long pants, shoes and socks during application. Follow paint manufacturer guidance for additional protective equipment and work practice recommendations.

### DIRECTIONS FOR USE

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

#### Antifouling Paints:

For use in the production and formulation of antifouling paints. Persons using this product to produce or formulate antifouling paints are responsible for obtaining EPA registration of their products prior to selling or distributing them.

Antifouling paint products formulated using Preventol A5-S are limited to application by paint brush or paint roller; do not apply paints containing Preventol A5-S using an airless spray paint method.

Antifouling paint products formulated using Preventol A5-S are limited to use by Do-It-Yourself users/residential users. Use of Preventol A5-S containing antifouling paint products is limited to boats no larger than 300 ft<sup>2</sup>. Typical boat sizes that fall into this category are:

- 14 ft Boat - The surface area of the hull of a 14 ft boat with a 5 ft beam is ~70 ft<sup>2</sup>
- 20 ft Boat - The surface area of the hull of a 20 ft boat with a 8 ft beam is ~160 ft<sup>2</sup>
- 30 ft Boat - The surface area of the hull of a 30 ft boat with a 10 ft beam is ~300 ft<sup>2</sup>

#### Roof Coatings:

Preventol A5-S may be used to formulate Roof Coatings. Preventol A5-S is an antimicrobial powder designed for incorporation into liquid roof coating materials during their manufacture to impart antimicrobial activity to the dried film. Preventol A5-S suppresses the growth of bacteria, algae, fungi, mold and mildew in or on the dried film. If microbial activity in the roof coatings could lead to unpleasant odors, discoloration or deterioration of the product, then such claims may be made for the roof coatings. Roof coatings incorporating Preventol A5-S may not make any public health claims relating to antimicrobial activity without first obtaining an EPA registration for the roof coatings which permits such claims. Roof coatings may contain from 0.10% to 0.49% by weight of the active ingredient. NOT FOR THE FORMULATION OF PRODUCTS THAT ARE DESIGNED TO BE SPRAY APPLIED. ROOF COATINGS PRODUCED WITH PREVENTOL A5-S ARE FOR PROFESSIONAL APPLICATION ONLY.

### FIRST AID

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact CHEMTREC at 800-424-9300 (in the United States) or 1-703-527-3887 (International) for emergency medical treatment information.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to 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 Pollution 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 EPA.

\*Preventol is a registered trademark of LANXESS Corporation

The LANXESS Pittsburgh Emergency Response Telephone Number is 800-410-3063

**IN CASE OF EMERGENCY, CALL: CHEMTREC 800-424-9300**

EPA Reg. No.: 39967-49

EPA Est. No.:

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111 RIDC Park West Drive • Pittsburgh, PA 15275-1112

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool, dry place and in such a manner as to prevent cross-contamination with other pesticides, fertilizers, food and feed. Store in original container and out of reach of children, preferably in a locked storage area.

**PESTICIDE DISPOSAL:** Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Disclaimer:** Seller (whether manufacturer, distributor, or other) makes no warranty express or implied, including the implied warranty of merchantability, regarding this product except the composition set forth in the ingredients statement herein, and shall not be liable for special or consequential damages, the exclusive remedy being the replacement of the product. Buyer or user assumes all risk of possession, handling or use of this material when such use or handling is contrary to label instructions.

**INTERNATIONAL 703-527-3887**

**Net Contents:**

**Lot No.:**

with COMMENTS  
EPA Letter Dated:

NOV 25 2009

Under the Federal Insecticide,  
Fungicide and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.  
39967-49

WJ