



**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
 Office of Pesticide Programs  
 Antimicrobials Division (7510C)  
 1200 Pennsylvania Avenue NW  
 Washington, D.C. 20460

EPA Reg. Number:  
 82552-1

Date of Issuance:  
 October 13, 2005

Term of Issuance:  
**Conditional**

Name of Pesticide Product:  
**Concrobium**

**NOTICE OF PESTICIDE:**  
 Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

**Siemons International, Inc.**  
 36 Meteor Drive  
 Toronto, Ontario Canada M9W 1A4

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration Number "82552-1".

Signature of Approving Official:

*[Signature]*  
**Adam Hayward**  
 Product Manager Team-34  
 Regulatory Management Branch II  
 Antimicrobials Division (7510C)

Date:

October 13, 2005

- b. Revise the statement "Will not damage most surfaces" to read "Suitable for use on most surfaces" on the front panel and page no. 3 of the labeling.
- c. Add the following statement immediately below the directions for uses statement.

**MOLD AND MILDEW CONTROL IN WOOD, WALLBOARD, CONCRETE, AND MASONRY (CINDER) BLOCK CONSTRUCTION MATERIALS IN BUILDINGS**

CONCROBIUM is used to treat wood, wall board, concrete, and masonry (cinder) block building materials to inhibit or prevent the growth of mold organisms when the materials are subjected to moist or wet environments. Before applying this product, visible mold growth must be removed, and conditions favorable to mold growth must be identified and corrected.

3. Submit the following data for the active ingredient "sodium carbonate" within the time specified below.

- a) Preliminary analysis data: Product Chemistry Series Guideline No. 830.1700 by January 30, 2006.
- b) One-year storage stability data (830.6317) and corrosion characteristics data by March 1, 2007.

Note: Good Laboratory Practices are required for preliminary analysis and storage stability/corrosion characteristics studies.

4. Submit a certificate of analysis for the active ingredient sodium carbonate.

Submit three (3) copies of the final printed label prior to releasing this product for sale.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Adam Heyward  
Product Manager 34  
Regulatory Branch II  
Antimicrobials Division (7510C)

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## CONCROBIUM

{Front panel; marketing claims may be used on any panel}

- Prevents mold and mildew
- Eliminates mold odor
- Contains no ammonia, bleach, alcohol or acid
- Will not damage most surfaces
- Fungistat and Mildewstat

### ACTIVE INGREDIENT

Sodium Carbonate.....	0.95%
OTHER INGREDIENTS.....	99.05%
TOTAL	100.00%

Keep Out of Reach of Children

Net Contents 25.4 oz./800 mL  
1 Gallon/3.8 L

EPA Reg. No. 82552-R  
EPA Est. No. XXX-CN-01

Directions for Use must be read completely prior to using this product.

Siamons International Inc.  
Toronto, ON M9W 1A4

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

OCT 13 2005

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 82552-1

*{Optional marketing claims, may be used on any panel}*

- CONCROBIUM's patented technology encapsulates mold and fungal spores with a microscopic coating that inhibits its growth. Treated surfaces retain a protective barrier that will prevent the growth of mold and mildew.
- For use on most indoor surfaces.
- Helps prevent mold growth in places vulnerable to mold, including:
  - Basements
  - Bathrooms
  - Vacation homes
  - Boat interiors
  - Areas under construction
- For use in homes, businesses or institutions.
- Contains no volatile organic compounds (VOC's)
- Contains no bleach, ammonia, alcohol or acid
- Odorless and colorless
- No fumes
- Not flammable
- Fungistat
- [Hard Surface] Fungistat
- Mildewstat
- [Hard Surface] Mildewstat
- [Cleans and][Controls][Prevents][Inhibits] the growth of [fungi][mildew][mold][mold and mildew] [and their odors] on [hard surfaces]
- Effective against [fungi][mildew][mold][mold and mildew]
- [Controls][Prevents][Inhibits] [fungi][mildew][mold][mold and mildew]
- Deodorizer
- CONCROBIUM is [specially formulated] [a unique technology] for effective [control] [elimination] of [most] offensive [stains] [odors] caused by mold and mildew.

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Note: Bracketed [ ] information is optional text. Text separated by a comma (,) denotes--and/or-options. {Bracketed Text} is for administrative purposes only and will not appear on the printed label.

- Controls [Inhibits] mold and mildew [leaving a fresh clean scent] [leaving rooms clean and fresh smelling].
- Eliminates musty odors [caused by mold and mildew].

### Directions for Use:

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

### READ LABEL BEFORE USING

CONCROBIUM will not harm most surfaces. If in doubt, first perform a test application on a small, inconspicuous section of the surface in question. Do not use on surfaces vulnerable to water marks (such as leather or finished wood). If product contacts these surfaces, it should be wiped off immediately to prevent damage.

CONCROBIUM is designed to be used to prevent and inhibit the growth of mold, fungus and mildew on floors, walls, interior building surfaces, and other hard non-porous surfaces until such time as the cause of such growth can be identified and corrected. This product should be used in those cases where visible microbial growth has been detected (or conditions are likely to immediately result in such growth) as part of a program that removes that growth and identifies and corrects the conditions that led to that growth. As well, this product can be used to pre-treat building materials prior to being employed in a structure where an increase in the mold and fungus resistance of these materials would be desirable.

CONCROBIUM can be applied by hand-spray, paintbrush, roller, immersion, airless sprayer or pressure fogger (approximately 400 square feet per gallon). To maintain protection against re-growth, do not rinse or wash surfaces after treatment. Reapplication of CONCROBIUM may be required if surfaces are washed or painted or are otherwise directly exposed to water.

Ready to use—do not dilute.

### PREVENTATIVE TREATMENT

To inhibit the growth of mold and mildew on surfaces:

- 1) Apply CONCROBIUM on area until evenly wet.
- 2) To promote drying and to avoid residue marks, use a clean cloth or paper towel to wipe off excess wetness.
- 3) Allow treated surfaces to dry completely.

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## REMEDIAL TREATMENT

CONCROBIUM must be used as part of a comprehensive mold remediation or water damage restoration program, including:

- Periodic monitoring and inspection of conditions favorable to mold growth such as moisture ingress and high relative humidity
- Effecting repairs as necessary to eliminate conditions favorable to mold growth
- Drying of affected areas to below 20% moisture content

The following associations and Internet sites should be consulted for information on standards and guidelines for remedial treatment of mold and mildew:

- IAQA – Indoor Air Quality Association ([www.iaqa.org](http://www.iaqa.org))
- EPA – Environmental Protection Agency ([www.epa.gov](http://www.epa.gov))
- DOH – New York City Department of Health  
([www.ci.nyc.ny.us/html/doh/html/epi/moldrpt1.html](http://www.ci.nyc.ny.us/html/doh/html/epi/moldrpt1.html))
- IICRC – Institute of Inspection, Cleaning and Restoration Certification  
([www.iicrc.org](http://www.iicrc.org))

### **Small Areas – Total Surface Area Affected Less Than 30 Square Feet**

Areas of visible growth of less than 30 square feet (the area of a single wall panel) can normally be remediated without elaborate procedures. When these areas are identified, apply CONCROBIUM to retard growth and spread of fungal spores and other contaminants until the area can be thoroughly cleaned and remediated. If growth is on ceiling tiles or other such easily removable items of nominal value, remove them and seal them in a plastic bag and dispose with normal trash. If the surface is not easily replaceable:

- 1) Clean contaminated area to remove surface soil. For best results, and to avoid possible interference from other chemicals, use CONCROBIUM for initial cleaning. Use a cloth, cleaning pad or brush suitable to the durability of the surface being cleaned. Remove as much dirt and visible mold as possible.
- 2) Apply CONCROBIUM on cleaned area until evenly wet.
- 3) To promote drying and to avoid residue marks, use a clean cloth or paper towel to wipe off excess wetness:
- 4) Allow treated surfaces to dry completely.

Refer to the precautionary statements for the appropriate PPE to wear.

## Large Areas – Total Surface Area Affected Greater Than 30 Square Feet

Areas larger than 30 square feet require special procedures and individuals trained in remediation. Guidelines for remediation of large areas of contamination have been established by the Indoor Air Quality Associations ([www.iaqa.org](http://www.iaqa.org)) and the US Environmental Protection Agency ([www.epa.gov](http://www.epa.gov)). Many in the field also refer to the New York City Department of Health, "Guidelines on Assessment and Remediation of Fungi in Indoor Environments." Before using CONCROBIUM in mitigation of large projects, you should be knowledgeable of one or more of these guidelines and follow them when using the product. More information can be obtained from CONCROBIUM's web site ([www.concrobium.com](http://www.concrobium.com))

When water damage is suspected, the first priority is to find the source of water and cut it off. Once that has been accomplished, excess water should be removed. Detailed guidance on proper removal of excess levels of water is contained in, "Standard and Reference Guide for Professional Water Damage Restoration" (IICRC S500) published by the Institute of Inspection, Cleaning and Restoration Certification ([www.iicrc.org](http://www.iicrc.org)). If excess water has been removed completely in 24 hours or less, spraying surfaces that were wet with CONCROBIUM will inhibit growth and no other steps should be necessary.

Where structural members and/or contents have been exposed to water in excess of 24 hours, there is a possibility of extensive microbial growth that may be visible or hidden. In that case a complete assessment and remediation plan must be prepared that properly incorporates the use of CONCROBIUM, provides for user and occupant safety and documentation and monitoring of the remediation process. If you are not experienced in preparing and executing such a plan, contact CONCROBIUM Customer Service at (866) 811-4148 for assistance. IICRC S500 contains excellent guidance. In the context of such a plan, CONCROBIUM can be used on materials to be removed and disposed of and in other applications where an anti-microbial use is indicated.

Refer to the precautionary statements for the appropriate PPE to wear.

### Personal Protection Equipment Requirements for Applicators

For areas less than 30 sq. feet, an N-95 respirator, gloves and goggles/eye protection are recommended to avoid exposure to mold or mold spores. For areas greater than 30 sq. feet, an N-95 respirator or half-face respirator with HEPA filter, disposable overalls, gloves and goggles/eye protection.

### Reapplication

Repeat application weekly or when growth or odor reappears. Prior to reapplication determine the cause of re-growth and correct that problem prior to re-application. Reapplication of Concrobium may be required if surfaces are washed or painted or are otherwise directly exposed to water.

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**STORAGE/DISPOSAL:** Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in areas inaccessible to small children. Keep securely closed.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then recycle or recondition, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, burn. If burned, stay out of smoke.

Lot No. XXXXXXXX

- Made in Canada
- Questions or Comments? Write:  
Customer Service,  
Siamons International Inc.,  
36 Meteor Road,  
Toronto, ON M9W 1A4

Visit our web site at [www.xxxxxxxxxx.com](http://www.xxxxxxxxxx.com)



{Secondary container label for use if contents of 1 gallon label are placed in smaller containers}

CONCROBIUM  
(Filled by user)

[Secondary Container Label]

Follow directions for use, storage and disposal from the [3.8L] [800 mL] [original]  
[CONCROBIUM] [container] label.

ACTIVE INGREDIENT

Sodium Carbonate...	0.95%
OTHER INGREDIENTS.....	99.05%
TOTAL	100.00%

EPA Reg. No. 82552-R