

71654-22

2/18/2009

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



FEB 18 2009

Office of Pesticide Programs

FILE COPY

Thomas McEntee
E.I. du Pont de Nemours and Company
DuPont Chemical Solutions Enterprise
P.O. Box 80402
Wilmington, DE 19880-0402

Subject: Cryocide Disinfectant Spray
EPA Registration No. 71654-22
Application Date: February 5, 2009
Receipts Dated: February 5, 2009

Dear Mr. McEntee:

The following amendment submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, to remove the time-limited restriction and add a claim for *Aspergillus niger*, is acceptable.

The proposed label claims that this product, kills mold (*Aspergillus niger*) on hard, non-porous environmental surfaces at full strength at room temperature with a contact time of 10 minutes are supported by the data.

The Antimicrobials Division has reviewed the label submitted for this product and accepted it with a condition.

Condition:

The Storage and Disposal section must be revised to comply with regulations of the Container Disposal Rules (PR Notice 2007-4.)

General Comments

A stamped copy of the labeling accepted with a condition is enclosed. Submit one copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please call Wanda Henson at (703) 308-6345.

Sincerely,



Emily H. Mitchell
Product Manager - Team 32
Regulatory Management Branch II
Antimicrobials Division (7510P)

CRYOCIDE® Disinfectant Spray

- 32 OUNCE [OPT]
- 1 GALLON [OPT.]
- KILLS MOLD [OPT.]
- PRE-PAINT TREATMENT AND DISINFECTANT SPRAY [OPT]
- CONTROLS MOLD & MILDEW GROWTH [OPT]
- FRESH SCENT [OPT.]
- POWERFUL NON-BLEACH FORMULA [OPT]
- USE AROUND BATH AND SHOWER STALL TO KILL BACTERIA AND FUNGI [OPT]
- TREAT THEN PAINT [OPT]
- CLEAN THEN PAINT [OPT]
- DISINFECT THEN PAINT [OPT]
- PRE-PAINT CLEANER AND DISINFECTANT [OPT]
- PRE-PAINT FUNGICIDE AND DISINFECTANT [OPT]
- FUNGICIDE AND DISINFECTANT [OPT.]
- FUNGICIDE, DISINFECTANT AND DEODORIZER [OPT.]
- INHIBITS MOLD & MILDEW GROWTH PRIOR TO PAINTING [OPT.]
- PRE-PAINT CLEANER, DISINFECTANT AND DEODORIZER [OPT.]
- CLEANS, DISINFECTS AND DEODORIZES [OPT.]
- PRE-PAINT FUNGICIDE, DISINFECTANT AND DEODORIZER [OPT.]
- KILLS BACTERIA AND FUNGI IN BATHROOMS [OPT]
- KILLS BACTERIA, FUNGI, AND ODORS IN BATHROOMS [OPT]
- KILLS BACTERIA IN BATHROOMS [OPT]
- KILLS BACTERIA AND ODORS IN BATHROOMS [OPT]

BACK PANEL: KILLS *Staphylococcus aureus* (STAPH) AND *Salmonella enterica* (SALMONELLA)
KILLS *Trichophyton mentagrophytes* and *Aspergillus niger*

- CONTROLS & PREVENTS MOLD AND MILDEW GROWTH [OPT.]
- READY-TO-USE [OPT.]
- BACTERICIDAL [OPT.]
- FUNGICIDAL (PATHOGENIC) [OPT.]
- DISINFECTANT [OPT]
- FUNGICIDE (PATHOGENIC) [OPT]
- BACTERICIDE [OPT]
- MILDEWSTAT [OPT]
- ELIMINATES ODORS [OPT]
- KILLS BACTERIA AND ELIMINATES ODORS [OPT]
- KILLS STAPH AND SALMONELLA [OPT.]
- ODOR COUNTERACTANT [OPT]
- ODOR ELIMINATOR [OPT.]
- ELIMINATES ODORS [OPT.]
- ECONOMICAL ONE STEP DISINFECTANT [OPT.]
- KILLS STAPH [OPT]
- BROAD SPECTRUM DISINFECTANT [OPT]
- CONTROLS MOLD & MILDEW [OPT]

ACCEPTED
with COMMENTS
EPA Letter Dated:

FEB 18 2009

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

71654-22

•[FRONT PANEL - OPT] "FOR INTERIOR USE" "

BACK LABEL - NOTE AT BOTTOM OF BACK LABEL

*"FOR INTERIOR USE--WALLS, FLOORS AND OTHER HARD SURFACES"

A DUPONT FORMULATED TECHNOLOGY [OPT]

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ACTIVE INGREDIENTS:
 Chlorine Dioxide..... 0.18%
 Didecyl Dimethyl Ammonium Chloride..... 0.10%
OTHER INGREDIENTS:..... 99.72%
TOTAL: 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If swallowed: Call 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.

If in eyes: Hold eye open and rinse slowly and gently with water for 15- 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 on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15- minutes. 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.

For 24 hour emergency information on this product, call Chemtrec at 1-800-424-9300 (US, Canada, Puerto Rico, Virgin Islands) 1-703-527-3887 (All Other Areas)

Medical Emergency 1-800-441-3637 (outside U.S. 1 302-774-1139)

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

See additional precautionary statements on side [back] panels.
 EPA Reg. No. 71654-22 EPA Est. XXXXX-YY-Z

Manufactured For: E.I. duPont de Nemours and Company, P.O. Box 80402, Wilmington, DE 19880-0402

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PRECAUTIONARY STATEMENTS: Hazards to Human & Domestic Animals

CAUTION: Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

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

PESTICIDE STORAGE: Store in the original container in a dry, temperature controlled area. Do not store in a manner where cross contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, contain/recapture spillage and dispose of in accordance with the Pesticide Disposal Instructions listed below.

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

CONTAINER DISPOSAL: Do not reuse this container. Place in trash or offer for recycling if available.

CRYOCIDE® Disinfectant Spray inhibits and prevents mold and mildew growth prior to painting and kills bacteria throughout the house on hard, non-porous surfaces. CRYOCIDE® Disinfectant effectively cleans, disinfects and deodorizes bathroom countertops, tubs, tile, around toilet areas, hampers and diaper pails as well as in kitchens, basements, attics and storage areas to control, inhibit and prevent the growth of mold and mildew and eliminate their odors. [Opt.]

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CRYOCIDE® Disinfectant Spray effectively cleans, disinfects and controls mold & mildew on surfaces prior to painting and kills bacteria throughout the house on hard, non-porous surfaces. Use around bath and shower stalls, around sinks, counters and toilet areas as well as in kitchens, basements, attics and damp storage areas to control and prevent the growth of mold and mildew and eliminate their odors. [Opt]

CRYOCIDE® Disinfectant Spray is a disinfectant, fungicide, bactericide, mildewcide and mildewstat. It also provides exceptional cleaning and deodorizing [Opt.] **CRYOCIDE® Disinfectant Spray** provides broad-spectrum efficiency and economy for commercial, institutional, industrial, and residential disinfection. [Opt.] **CRYOCIDE® Disinfectant Spray:** Its ability to OXIDIZE MALODORS offers a definite plus to its Disinfectant activity. [Opt.] **CRYOCIDE® Disinfectant Spray** has been designed for use in industrial and commercial facilities, and homes. [Opt.]

CRYOCIDE® Disinfectant Spray [optional] is for Disinfectant hard, non-porous surfaces such as appliances, basins, bathroom fixtures, bathtubs, cabinets, cages, chairs, countertops, floors, sinks, tables, toilets, urinals and walls and other hard, non-porous surfaces made of fiberglass, Formica®, glass, ceramic, metal, plastic, painted surfaces and steel. [Opt.]

DIRECTIONS FOR USE

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

Containers larger than 32 Fl. Oz.: **Application Instructions**

For General Disinfection Applications in Commercial, Industrial, Schools, Apartments and Homes:

Apply product to hard, non-porous surfaces with a commercial low pressure sprayer, wet mop, sponge, wipe or other suitable application device, thoroughly wetting surfaces. [32 Fl. Oz. Size or smaller: **Application Instructions, Shake container well.** Apply thoroughly and evenly, 6-8 inches away from surface, using the SPRAY nozzle position for large areas or STREAM for a concentrated jet on hard to reach areas. OPT.] Treated surfaces must remain wet for 10 minutes. Wipe dry with a cloth, sponge or mop or allow to air dry. For heavily soiled surfaces, a pre-cleaning is recommended.

Rinse all surfaces that come in contact with foods such as countertops, appliances, tables and stovetops with potable water before reuse. Do not use on utensils, glassware, and dishes.

MOLD & MILDEW

MOLD AND MILDEW CONTROL AND DEODORIZATION (For Schools, hotels, correctional facilities, apartments and Homes)

CRYOCIDE® Disinfectant Spray controls, inhibits and prevents mold and mildew on hard non-porous surfaces. **CRYOCIDE® Disinfectant Spray** works thoroughly so it is an ideal product for controlling and preventing mold in a single treatment. The efficacy makes **CRYOCIDE® Disinfectant Spray** the perfect product for effective single operation for mold and mildew control and prevention.

1. Remove all heavy build-up of gross filth and loose debris from areas to be treated.
 2. Apply the product onto the surface; spray 6 – 8 inches from the surface.
- Note:** Where mist or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices. In the absence of proper environmental controls, a NIOSH approved respirator is advised
3. Make sure the treated area is thoroughly wet for at least 10 minutes and allow to air dry
 4. Repeat every 7 days or more frequently if growth reoccurs.

To Control, Inhibit and Prevent the Growth of Mold & Mildew: Spray 6-8 inches away from a dry, pre-cleaned surface until thoroughly wet. The treated area must remain wet for at least 10 minutes. Allow to air dry. Repeat as needed.

To Deodorize: Spray surfaces as needed to eliminate odors retained on hard surfaces.

OPTIONAL

<p><i>Staphylococcus aureus</i> (STAPH) ATCC 6538 <i>Salmonella enterica</i> (SALMONELLA) ATCC 10708 <i>Trichophyton mentagrophytes</i> ATCC 9533 <i>Aspergillus niger</i> ATCC 16404</p>
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