

80346-1

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SEP 28 2005

Modec, Inc.  
c/o Ag-Chem Consulting  
12208 Quinque Lane  
Clifton, VA 20124

Attention: Dr. Matthew Brooks

Subject: MDF-200 Bottle (Part A)  
EPA Registration No. 80346-1 ✓  
MDF-200 (Part B)  
EPA Registration No. 80346-2  
Amendment Application Date: June 30, 2005  
EPA Received Date: July 5, 2005

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the following labeling changes.

1. Delete the following sentences "May be used in the kitchen on counter, sinks, appliances and stovetops.. A rinse with potable water is required for surfaces in direct contact with food."
2. Add the following sentence "May be use in the kitchen on non-food contact surfaces."
3. Submit two copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for further description of final printed labeling.

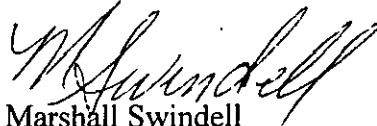
A stamped copy of the label is enclosed for you records.

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

If you have any question or comments concerning this letter, please contact me at (703) 308 6341 or Portia Jenkins at (703) 308-6230.

Sincerely,



Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

Enclosure

**modec** inc.

**MDF-200**

**Part A**

**Modec Decon Formulation  
Antibacterial Disinfectant and Cleaner**

**Cleaner · Mildewstat · Disinfectant · Deodorizer ·  
Fungicide**

**MDF-200 Part A - Active Ingredients:**

Alkyl (50% C <sub>14</sub> , 10% C <sub>16</sub> , 40% C <sub>12</sub> )	
Dimethyl benzyl ammonium chlorides .....	3.2%
Inert Ingredients: .....	96.8%
Total	100.0%

**MDF-200 Part B - Active Ingredients:**

Hydrogen Peroxide.....	7.95%
Inert Ingredients: .....	92.05%
Total	100.0%

**Danger**

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage. Causes skin irritation. Harmful if inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or spray mist. Wear protective eyewear such as goggles, face shield or safety glasses. Wear chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

**SEE BACK PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS**

**ACCEPTED  
with COMMENTS  
EPA Letter Dated:**

**SEP 28 2005**

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

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## First Aid

**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. Call a poison control center or doctor for further treatment advice.

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

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

### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

**Modec's Decon Formula (MDF)  
is Commercially Manufactured  
using the Formula Licensed by**



**Sandia National Laboratories**

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# MDF-200

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## Modec Decon Formulation

### Antibacterial Decontaminant Disinfectant and Cleaner

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#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS SURFACE CLEANING PROCEDURES

Prior to application of MDF-200 as an antimicrobial or deodorizing agent, gross filth, heavy soil, blood and other bodily fluids must be thoroughly cleaned from surfaces and objects before application of this product. Blood and other bodily fluids should be autoclaved and disposed of according to local regulations and infectious waste disposal. Use appropriate personal protection when handling items exposed to blood and bodily fluids.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. The product is designed specifically as a general cleaner and disinfectant for use in homes, hospitals, and commercial facilities. It is formulated to disinfect hard, non-porous, inanimate environmental surfaces such as floors, walls, metal surfaces, stainless steel, porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, and cabinets.

[REDACTED] In addition, this product deodorizes areas that are hard to keep fresh smelling including garbage cans, basements, restrooms and areas prone to odors caused by microorganisms.

**MODEC DECON FORMULA** – “MDF” is a binary (two part) system. Before use, mix equal parts of MDF PART A and MDF PART B. Apply the newly mixed solution as a spray onto hard nonporous surfaces as directed below.

**DISINFECTION, DEODORIZING AND CLEANING** - Remove gross filth or heavy soil prior to application of the product. Spray area until it is covered with solution. Allow product to penetrate and remain wet for ten minutes. No scrubbing is necessary. The product will not leave grit.

**BACTERICIDAL ACTIVITY** - When used as directed, this product exhibits effective disinfectant activity against the organisms: *Staphylococcus aureus*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*, and meets the requirements for hospital use.

**MILDEWSTAT** - To control mold and mildew on hard, non-porous surfaces, spray surface to be treated by making sure to wet completely. Let air dry.

**FUNGICIDAL ACTIVITY** - This product has been demonstrated to be fungicidal against *Trichophyton mentagrophytes*. Use as directed on hard, non-porous surfaces.

**CONTACT TIME** - Allow surface to remain wet for 10 minutes.

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**DEODORIZING** - Mix equal parts of MDF PART A and MDF PART B and apply to surfaces until they appear wet to eliminate odors. Allow product to air dry or surface to remain wet for at least 10 minutes.

**Brush and Spray Applications**

For outdoor use on cement, aluminum and wood siding, wood decks and roofs to inhibit the growth of mold and mildew.

**Remove stains from surfaces prior to mold and mildew treatment**

MDF-200 may be used to clean surfaces. Mix 4 ounces of MDF PART A and Part B into one gallon of water. Apply liberally to coat surfaces and allow to remain wet for 30 minutes. Scrub surface with sponge to remove stains.

**SPRAYING** - MDF™ is a binary (two part) system. Mix equal parts of MDF PART A and MDF PART B directly into ULV spray equipment. Apply mixed product at a rate of 1 ounce to 100-sq. ft. of surface area. Allow surface to air dry or remain wet for at least 30 minutes.

**BRUSHING** - MDF™ is a binary (two part) system. Mix equal parts of MDF PART A and MDF PART B. Apply mixed product at a rate of 1 ounce to 100-sq. ft. of surface area. Brush into surface. Allow surface to air dry or remain wet for at least 30 minutes. Rinse.

**STORAGE AND DISPOSAL**

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

**STORAGE** – Store in a dry place no lower in temperature than 50°F or higher than 85° F.

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**CONTAINER DISPOSAL** – Do not reuse empty container. Rinse empty container with water. Plastic containers may be disposed of in a sanitary landfill, incinerated, or if allowed by local authorities, by burning. If burned, stay out of smoke. For containers 1 gallon or more: Do not reuse empty container (bottle, can, and bucket). Wrap container and put in trash.

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

**EPA REG. NO. 80346-1 (Part A)**  
**EPA REG. NO. 80346-2 (Part B)**  
**EPA EST. NO. 65001-CO-01**  
**Net Contents:**

**US. Patent No. 6,566,574 B1**  
**Made in the USA**

**Manufactured by Modec, Inc.**  
**4725 Oakland Street**  
**Denver, Colorado 80239**  
**1-800-967-7887**  
**www.deconsolutions.com**  
**info@deconsolutions.com**

**Modec's Decon Formula (MDF)**  
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**using the Formula Licensed by**



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