

44446-20

11-27-2006

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Quest Chemical Corporation  
12255 FM 529  
Houston, TX 77041

NOV 27 2006

Attention: Mitch Whitney

Subject: Staf Hospital Spray Disinfectant  
EPA Registration No. 44446-20  
Your resubmission of June 19, 2006  
EPA Received Date: June 21, 2006

The amendment to add new fragrance, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data or material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec.4 when the Agency requires all registrants of similar products to submit such data.
2. Make the following changes on the proposed labeling.
  - a) On page 1 of the proposed label, remove the isopropanol from the list of the active ingredient. At 40%, isopropanol is no longer considered as an active ingredient.
  - b) On page 2 the proposed label, under Air Deodorizer, Air Freshener & Air Sanitizer, "To reduce airborne....."to "Temporary reduce airborne..."
  - c) On page 3 of the proposed label [ under Main product Claim], remove "hampers" or specify type of hampers. The hampers made most of the time with porous materials.

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.

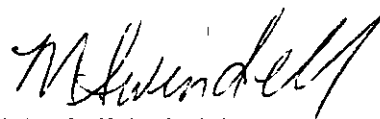
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2. Submit two copies of your final printed labeling before you release the product for shipment.

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

If you have any questions 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 1  
Antimicrobials Division (7510P)

Enclosure

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**STAF**  
**Hospital Spray**  
**Disinfectant**

**Bactericidal – Staphylocidal**  
**Pseudomonocidal**  
**Eliminates Odors – Fungicidal**  
**Virucidal Against HIV-1 (AIDS Virus)\***  
**Air Sanitizer**

**ACCEPTED**  
**with COMMENTS**  
**EPA Letter Dated:**

**NOV 27 2006**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 44446-20

**ACTIVE INGREDIENTS:**

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18)	
dimethyl benzyl ammonium chloride.....	0.10%
n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl	
ammonium chloride.....	0.10%
Isopropanol.....	40.00%
Triethylene glycol.....	6.00%
<b>OTHER INGREDIENTS.....</b>	<b>53.80%</b>
<b>TOTAL.....</b>	<b>100.00%</b>

**EPA Reg. No. 44446-20**  
**EPA Est. No. 44446-TX-1**

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION:**

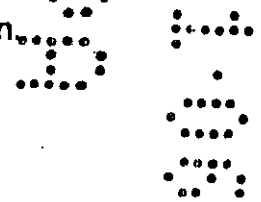
See Additional Precautionary Statements on Back Panel

**NET WT. 16.5 OZ. (468 g)**

**DIRECTIONS FOR USE**

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

This product is not to be used as a terminal sterilant / high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter the normally sterile areas of the body. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.



**SURFACE DISINFECTION & DEODORIZATION:** (1) First remove soil deposits from surface to be treated. (2) Hold can six inches from surface & spray until completely wet, allow the surface to remain wet for 10 minutes.

**AIR DEODORIZER, AIR FRESHENER & AIR SANITIZER:** Shake well before each use. To reduce airborne odor-causing bacteria and eliminate odors, close all doors, windows, and air vents. Hold can upright, press button and spray towards the center of an average size room (12'x12'x9') for 10 seconds. For maximum effectiveness, relative humidity should be between 45% and 70%. Resume normal room ventilation after spray has settled. Repeat as necessary.

**AUTOMATIC DISPENSER:** Remove protective cap from top of can and insert can into dispenser in accordance with instructions on machine. **IMPORTANT:** When used with the dispenser, one unit should be installed for each 6,000 cubic foot area to be treated. It is usually advisable to mount the dispenser 7-8 feet from the floor and at a point where wind flow will carry the particles throughout the room. The dispenser automatically actuates the special metered valve every 15 minutes, treating the air against odors. One unit lasts approximately 30 days.

**MILDEWSTAT:** To control mold and mildew on hard non-porous surfaces (such as floors, walls, table tops) spray the surface to be treated, making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth reappears.

For use in automobile air conditioning systems, with engine running and air conditioner on maximum speed and cooling, spray the product into the air intake vent. Hold can eight to twelve inches above the vent while spraying four to six seconds. Make sure the spray tip is pointed directly at the intake vent before spraying. The recirculating system will pick up the product and the entire system will be deodorized in seconds. Shut off engine and air conditioner after applying the product.

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS) OF SURFACES/ OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

**Personal Protection:** Disposable latex or vinyl gloves, gowns, face masks, or eye coverings as appropriate, must be worn during all cleaning of body fluids, blood and decontamination procedures.

**Cleaning procedures:** Blood and body fluids must be thoroughly cleaned from surfaces and objects before application of disinfectant.

**Contact Time:** Effective against HIV-1 (AIDS virus) on hard non-porous surfaces in the presence of a moderate amount of organic soil (5% blood serum) provided 1800 ppm of active quaternary water for a contact time of 10 minutes at room temperature.

REGISTERED  
EPA Label Dated:

NOV 27 2006

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the purposes registered under EPA Reg. No. 44446-20

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temperature (20-25°C). Use a ten (10) minute contact time for disinfection against all other bacteria and fungi claimed (listed on labeling).

Disposal of Infectious Materials: blood and other body fluids should be autoclaved and disposed of according to federal, state, and local regulations for infectious waste disposal.

### STORAGE AND DISPOSAL

Do not Puncture or Incinerate! If empty: Place in trash or offer for recycling if available. If partially full: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

### GENERAL INFORMATION

This product has been designed specifically for Homes, Hospitals, Nursing Homes, Institutions, Offices, Schools, Motels & Hotels as a disinfectant deodorant & air refresher. It is recommended for disinfection of telephones, bed springs, door knobs, linen carts, hampers, wheelchairs, light switches, garbage pails & other clean hard non-porous inanimate surfaces. It will also remove foul musty odors from automobile air conditioning systems caused by mildew and other odor producing organisms. [This product has been formulated to quickly and effectively remove foul musty odors from automobile air conditioning systems]. [It will freshen foul-smelling systems by killing odor-producing organisms.] Powerful deodorizers keep the automobile interiors smelling fresh and clean. In addition, this product deodorizes those areas which generally are hard to keep fresh smelling (such as garbage storage areas, empty garbage bins & cans, restrooms, shower stalls & other areas which are prone to odors caused by micro-organisms). This product may also be applied directly to ash trays, food spills, etc., in automobiles to eliminate odors from these sources. When used as directed, this product demonstrates effective disinfection against Staphylococcus aureus, Salmonella choleraesuis, Pseudomonas aeruginosa & Trichophyton mentagrophytes. This product is fungicidal against Pathogenic fungi (Athletes Foot Fungus), when used as directed on hard surfaces found in the bathroom, shower stalls & locker rooms or other clean hard non-porous surfaces commonly contacted by the bare feet.

efe  
Compassion  
The best  
the world

\*Kills HIV-1 (AIDS virus) on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids in healthcare settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

**MOLD & MILDEWSTAT:** This product controls mold, mildew & the odors they cause on hard non-porous inanimate surfaces when used as directed.

ACCEPTED  
with COMMENTS  
Per Dated:  
NOV 27 2006  
Under the Federal Insecticide,  
Fungicide and Rodenticide Act as  
amended by the Fungicide,  
Insecticide and Rodenticide Act, Reg. No.  
44416-20

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Keep out of reach of children. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Harmful if swallowed. Flammable! Contents under pressure. Do not use near fire, sparks or flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

**FIRST AID**

**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 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 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.

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

ACCEPTED  
 WITH COMMENTS  
 Dated:  
 NOV 27 2005

Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act as  
 amended by the FIFRA Act of 1990,  
 registration is required for all  
 pesticides. EPA Reg. No.  
 499 9-26-20

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**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**INGREDIENTS:** Isopropyl Alcohol (CAS# 67-63-0), Propane-Isobutane (CAS# 68476-85-7), Water (CAS# 7732-18-5), Triethylene Glycol (CAS# 112-27-6), Quaternary Compound (CAS# N/A)

**HMIS RATING:** HEALTH-1, FLAMMABILITY-2, REACTIVITY-1, PERSONAL-A.

Alternate label text is located within brackets: []

**ITEM 329**

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

NOV 27 2006  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pest code,  
registered under EPA Reg. No.  
44446-20

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