



**COMPANY
NUMBER**

44446

**PRODUCT
SERIAL NO.**

20

**LABEL
APPROVAL
DATE**

12-3-97

DEC 03 1997

Quest Chemical Corporation
12255 FM 529
Houston, TX 77041

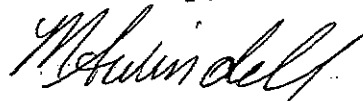
Attn: Mitch Whitney

Subject: Staf Hospital Spray Disinfectant
EPA Registration No. 44446-20
Amendment dated October 7, 1997

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to add an "air sanitizer" claim, to amend the ingredient section to reflect 6% Triethylene Glycol as an active ingredient, and to add a minor use pattern as a metered dose aerosol, is acceptable. A stamped copy of the labeling is enclosed for your records.

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

Sincerely,



Marshall Swindell
Acting Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division 7510W

Enclosure

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

**STAF
HOSPITAL SPRAY DISINFECTANT**

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 airconditioning systems caused by mildew and other 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.

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Wrap container & put in trash collection.

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 pre-clean 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 AND AIR SANITIZER: Point upwards to center of room & spray for three seconds.

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 adjusts the special metered valve every 15 minutes, treating the air against odors. One unit last approximately 30 days.

MILDEWSTAY: 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.

*Kills HIV-1 (AIDS virus) on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids in health-care 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).

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) providing 1800 ppm of active quaternary water for a contact time of 10 minutes at room 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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING: Keep out of reach of children. Causes eye & skin irritation. Do not get in eyes, skin or on clothing. 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.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove & wash all contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatin solution or if these things are not available, drink large quantities of water. Call a physician. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measure 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# 112-27-8), Quaternary Compound (CAS# N/A)

HMIS RATING: HEALTH-1, FLAMMABILITY-2, REACTIVITY-1, PERSONAL-1

ITEM 329

STAF

**Hospital Spray
Disinfectant**

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

ACTIVE INGREDIENTS:

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈)	
dimethyl benzyl ammonium chloride	0.10%
n-Alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethylbenzyl	
ammonium chloride	0.10%
Isopropanol	50.2%
Triethylene glycol	6.0%
INERT INGREDIENTS	43.6%

Contains sodium nitrite as a corrosion inhibitor.

EPA Reg. No. 44446-20

EPA Est. No. 44446-TX-2

**KEEP OUT OF REACH OF CHILDREN
WARNING:**

See Additional Precautionary Statements on Back Panel

NET WT. 7 OZ. (198 g)

Manufactured By

QUEST Chemical Corporation

Houston, Texas 77041

ACCEPTED
 DEC 03 1987
 Under the Federal Insecticide, Fungicide, and
 Rodenticide Act as amended, for the
 pesticide, registered under
 EPA Reg. No. 44446-20

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