

OCT 17 1966

United Chemical & Supplies
2021 Washington Street
Kansas City, MO 64108

Attention: Ben Khalili

Gentlemen:

Subject: Pine Odor Disinfectant
EPA Registration No. 623-39
Your Submission Dated December 4, 1967

BEST AVAILABLE COPY

The amendment referred to above, submitted in connection with the Label Improvement Program Notice for Antimicrobial Products Used as Food Contact Surface Sanitizers, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
 - a. Delete Isopropanol and Essential Oils from the active ingredients. They are now considered inert. Change the inert ingredients percentages accordingly.
 - b. Revise the statement "A pre-cleaning step is recommended" to "A pre-cleaning step is required."
 - c. Delete the word "milk."
 - d. Add the Precautionary Statements headings to read:

Precautionary Statements
Hazards to Humans and Domestic Animals

- e. In the precautionary section, change the sentence "Protect eyes and skin when handling concentrate" to "Wear goggles or face shield and rubber gloves when handling."
- f. Delete the entire phenol coefficient section.

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CONCURRENCES

SYMBOL	SURNAME	DATE					

- g. Change "Directions" to "Directions For Use" and add the misuse statement directly below to read:

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

- h. The term "First Aid" must be changed to "Statement of Practical Treatment."

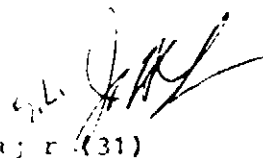
- 2. Submit five (5) copies of your final printed labeling before you release the product.

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

If you have any questions concerning this letter, please call Ms. Martha DeLaney at (703) 557-3675.

Sincerely yours,

John H. Lee 
 Product Manager (31)
 Antimicrobial Program Branch
 Registration Division (TS-767C)

Enclosure

BEST AVAILABLE COPY

Reay

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 17 1988

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

22-39

Cold Disinfection

For disinfection of previously cleaned surgical instruments, barber tools and dental equipment, simply submerge instruments into solution containing 1 1/2 ounce per gallon of water for 10 minutes

FOR ROOM FOGGING

DIRECTIONS:

To minimize the danger of cross contamination from environmental surfaces apply solution as a fog described below, before applying standard routine terminal cleaning and disinfecting practices 1 Remove all human, animal, and plant life from room 2 Open closet doors and drawers 3 Set up 34" revolving platform in center of room 4 Mount BURGESS MODEL NO 1601 MISTER or other fogging device delivering equivalent spray at 3 RPM 5 Fill sprayer reservoir with 1 1/2 oz. to 1 gallon of water to produce 1100 ppm active ingredients 6 Set sprayer mechanism to deliver 1 gallon of solution 7 Fog for 15 minutes for an average 2100 cu. ft. room For different room sizes, vary spray time proportionately to ensure complete wetting of exposed

surfaces. 8 Wait 2 hours before entering room after treatment 9 Rinse fogging equipment thoroughly with clear water following use.

DANGER

Keep Out of Reach of Children Corrosive Causes severe eye and skin damage Do not get in eyes, on skin or on clothing Protect eyes and skin when handling concentrate Harmful if swallowed Avoid contamination of food

FIRST AID

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes For eyes, call a physician Remove and wash all contaminated clothing before reuse If swallowed, drink milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water Call a physician

NOTE TO PHYSICIAN:

Probably mucosal damage may contraindicate the use of gastric lavage Measures against circulatory shock, respiratory depression and convulsion may be needed.

Rinse empty container thoroughly with water and discard

PINE ODOR DISINFECTANT

DISINFECTANT • DEODORIZER • CLEANER PHENOL COEFFICIENTS:

S. Aureus 92
S. Typhosa 60

ACTIVE INGREDIENTS

n Alkyl (60% C12, 30% C14, 5% C16, 5% C18) dimethyl benzyl ammonium chlorides 5%
n Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides 5%
Isopropyl Alcohol 2%
Essential Oils 1%

INERT INGREDIENTS:

87%
100%

Pine Odor Disinfectant is a concentrate and should be diluted before using

NET CONTENTS: 1 GALLON

EPA Est. No. 49406 MO 01 1988 FEB 10 10:00 AM

DANGER

KEEP OUT OF REACH OF CHILDREN
(See other precautionary and first aid statements on left side panel)