

MAR 03 1989

Malone Chemical, Inc.  
130 Marion Avenue  
Linden, NJ 07036

Attention: Karol Tag-Morrison

Gentlemen:

Subject: Formula 77  
EPA Registration No. 21326-1  
Your Submission Dated December 7, 1987

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 the service persons statement from the product label (center panel only).
  - b. The referral statement should read:  
  
See right side panel for additional precautionary statements.
  - c. Delete the word "milk" from the Statement of Practical Treatment.
  - d. Delete the words "General Classification."
  - e. Revise "a pre-cleaning step is required and recommended" to read "a pre-cleaning step is required."
  - f. Delete the statement "No Rinse Required" from the sanitization section.

50275:I:DeLaney:LL-13:KENCO:2/29/89:4/7/89:SG:VO:EK:AS

CONCURRENCES

SYMBOL							
JRNAME							
DATE							

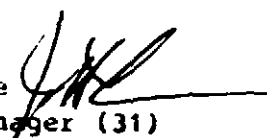
- g. On the left panel change "Herpes Simplex" to read "Herpes Simplex Type 1."
- 2. We have adjusted our records accordingly:
  - OLD Product Name: Malone #77
  - NEW Product Name: Formula #77
- 3. Please note that the labeling for the other size containers are being placed in your file. The Agency does not stamp labeling for different size containers.

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 contact Martha DeLaney at (703) 557-6962.

Sincerely yours,

John H. Lee   
 Product Manager (31)  
 Antimicrobial Program Branch  
 Registration Division (H7505C)

Enclosure

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 03 1989

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

21326-1

### DIRECTIONS FOR USE

General Classification

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

Formula 77 Detergent Disinfectant Deodorizer has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance.

**DISINFECTION:** To disinfect hard inanimate surfaces (such as walls, floors, table tops), add 1 ounce Formula 77 Detergent Disinfectant Deodorizer per gallon of water. Apply solution with mop, cloth, or sponge or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes and then let air dry.

To disinfect toilet bowls, flush toilet; add 1 ounce Formula 77 Detergent Disinfectant Deodorizer directly to the bowl water. Rub the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

In heavily soiled areas, a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

**MILDEWSTAT:** To control mold and mildew on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops) add 1 ounce Formula 77 Detergent Disinfectant Deodorizer per gallon of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals when mildew growth reappears.

**SANITIZATION:** To sanitize previously cleaned and rinsed nonporous food contact surfaces, prepare 200 ppm active watery Formula 77 Detergent Disinfectant Deodorizer solution by adding 1 ounce to 3 1/2 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200 ppm Formula 77 Detergent Disinfectant Deodorizer solution or apply with a cloth or sponge, making sure to wet all surfaces completely for at least 60 seconds. Remove and rinse thoroughly with POTABLE WATER. Prepare a fresh solution for each use.

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200 ppm Formula 77 Detergent Disinfectant Deodorizer solution for at least 60 seconds, making sure to immerse completely. Remove and rinse thoroughly with POTABLE WATER. Prepare a fresh solution daily or more frequently as soil is apparent.

Formula 77 Detergent Disinfectant Deodorizer is a phosphate free concentrated detergent/disinfectant which provides effective cleaning, deodorizing, disinfection, and sanitization. Formula 77 Detergent Disinfectant Deodorizer has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance in controlling the hazard of cross-contamination.

Formula 77 Detergent Disinfectant Deodorizer when diluted at the rate of 1 ounce per gallon of water is an effective disinfectant against the organism *Pseudomonas aeruginosa* and meets all requirements for hospital use. When used as directed, Formula 77 Detergent Disinfectant Deodorizer is formulated to disinfect inanimate hard surfaces such as walls, floors, table tops, toilet bowls, toilet seats, and bed frames. For larger areas such as operating rooms, patient care facilities and restrooms, the product is designed to provide both general cleaning and disinfecting.

In addition, Formula 77 Detergent Disinfectant Deodorizer deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, garbage bags, and cans, toilet bowls and any other areas which are prone to odors caused by microorganisms.

MANUFACTURED BY MALONE CHEMICAL, INC. LINDEN, NEW JERSEY 07036

F O R M



**Detergent Disinfectant  
CLEANER • DETERGENT • DEODORIZER  
MILDEWSTAT (on hard inanimate surfaces)  
FUNGICIDE (against pathogenic)**

**ACTIVE INGREDIENTS**  
n-Allyl (50% C<sub>12</sub>, 30% C<sub>14</sub>, 5% C<sub>16</sub>, 5% C<sub>18</sub>) (1) dimethyl benzyl ammonium chlorides  
n-Allyl (50% C<sub>12</sub>, 32% C<sub>14</sub>) dimethyl benzyl ammonium chlorides  
**INERT INGREDIENTS**  
TOTAL

EPA Reg. No. 21326-1

ONLY FOR SALE TO  
STORAGE BY SERVICE

KEEP OUT OF REACH OF  
CHILDREN  
**DANGER**

See right side panels for additional precautions.

**STATEMENT OF PRACTICAL USE**  
In case of contact, immediately flush eyes with water for at least 15 minutes. For eyes, call a physician. Remove clothing before reuse. If swallowed, drink milk or water. If these are not available, drink large quantities of water.

NET CONTENTS ONE U.S. GALLON

**BEST AVAILABLE GROUND**

MALONE