

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JAN 24 1995

NCH Corporation
2727 Chemsearch Blvd.
Irving, TX 75062

Attention: Mark S. Cohen
Director of Technical Service

Subject: One Step
EPA Registration No. 1769-317
MOU Compliance Amendment dated October 28, 1994

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 labeling changes listed below before you release the product for shipping bearing the amended label.

1. Under the Statement of Practical Treatment, remove egg whites, milk, and gelatin solution.
2. Delete the statement; "General Classification".

A stamped copy of the labeling is enclosed for your records. Submit 5 copies of the final label prior to releasing the product for marketing.

If you have any question concerning this letter, please contact Wanda Mitchell at (703) 305-6141.

Sincerely yours,



Walter C. Francis
Acting Product Manager (31)
Antimicrobial Program Branch
Registration Division (7505C)

CONCURRENCES

SYMBOL	SURNAME	DATE					

ONE STEP

**Disinfectant-Cleaner-Sanitizer-Fungicide-Mildewstat-Virucide*-
Deodorizer with Organic Soil Tolerance for Hospitals,
Institutional and Industrial Use**

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium choride.....1.14%
Dioctyl dimethyl ammonium chloride.....0.67%
Didecyl dimethyl ammonium chloride.....0.44%
Alkyl (C14 50%, C12 40%, C16 10%)
dimethyl benzyl ammonium chloride.....1.52%

INERT INGREDIENTS.....96.23%
TOTAL.....100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

(See elsewhere on the label for additional precautionary
statements.)

EPA Reg. No. 1769-317
NET CONTENTS: _____

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 24 1995

**NATIONAL CHEMSEARCH
A Division of NCH Corporation
2727 Chemsearch Blvd.
Irving, TX 75062**

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

1769-317

ONE-STEP has been formulated to aid in the reduction of cross-contamination in institutions, schools and hospitals. ONE-STEP is a one-step disinfectant-cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed. ONE-STEP is an effective sanitizer-cleaner for use on non-food contact surfaces. When used as directed, ONE-STEP will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas and other places where bacterial growth can cause malodors.

**DIRECTIONS FOR USE
GENERAL CLASSIFICATION**

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 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 normally sterile areas of the body. This product may be used to preclean critical or semi-critical medical devices prior to sterilization or high level disinfection.

ONE-STEP is a proven one-step cleaner-disinfectant-sanitizer-fungicide-mildewstat-virucide in the presence of moderate amounts of organic soil.

Apply ONE-STEP to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks and bedframes with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary clearing is required. Prepare a fresh solution daily or when used solution becomes visibly dirty.

Disinfection: To disinfect hard, non-porous surfaces in hospitals, add 2 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. At this use level, ONE-STEP is also virucidal, fungicidal and mildewstatic. At 1 oz. per gallon, ONE-STEP will disinfect hard, non-porous surfaces in schools, industry and non-medical institutions.

Sanitizing: To sanitize porous or non-porous, non-food contact surfaces, add 1/2 oz. per gallon of water. Treated surfaces must remain wet for 60 seconds.

For hospitals and nursing homes: Add 2 oz. per gallon of water. The broad spectrum of ONE-STEP has been evaluated in the presence of 5% serum and found to be effective against the following organisms by the AOAC Use-Dilution test.

<i>Pseudomonas aeruginosa</i>	<i>Enterobacter aerogenes</i>
<i>Staphylococcus aureus</i>	<i>Salmonella schottmuelleri</i>
<i>Salmonella choleraesuis</i>	<i>Streptococcus faecalis</i>
<i>Escherichia coli</i>	<i>Shigella dysenteriae</i>
<i>Serratia marcescens</i>	<i>Brevibacterium ammoniagenes</i>
<i>Klebsiella pneumoniae</i>	

AOAC Fungicidal Test

ONE-STEP at 1 oz. per gallon is an effective fungicide against *Trichophyton mentagrophytes* (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc.

Mold and Mildew Control

At 1 oz. per gallon ONE-STEP will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surfaces and repeat when mildew growth returns.

Virucidal Performance

*At 1 oz. per gallon use level, ONE-STEP was evaluated in the presence of 5% serum and found to be effective against influenza A/Brazil Virus on inanimate environmental surfaces.

For schools, non-medical institutional and industrial uses: At 1 oz. per gallon of water, ONE-STEP delivers excellent cleaning and germicidal effectiveness. It is effective against *Staphylococcus aureus*, *Salmonella choleraesuis* and *Escherichia coli*. The same AOAC tests used above to confirm suitable performance for hospitals were used.

4 2 4

Sanitizing Non-Food Contact Surfaces (such as floors, walls, tables, etc.): At 1/2 oz. per gallon use level, ONE-STEP is an effective sanitizer against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on porous and non-porous environmental surfaces.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

CONTAINER DISPOSAL

Metal Container: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Plastic Container: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of the smoke.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Avoid contamination of food.

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 and wash contaminated clothing before re-use. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

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

For medical or environmental emergencies, call 214-438-1381.

Not for Resale

MADE IN THE U.S.A.

9M410

EPA Est. No. 4140-

CA-1 IN-1 NJ-1 PR-1 TX-1 TX-2