

PM31

3838-50

9-10-98

1043

SEP 10 1998

Essential Industries, Inc.  
P.O. Box 12  
Merton, WI 53056-0012

ATTN: Dawn Zellmer, Compliance Specialist

SUBJECT: NUTRAL Q  
EPA Registration No. 3838-50  
Amendment Dated June 23, 1998

Dear Ms. Zellmer:

The amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. The Agency has no objection to your updated product labeling. A stamped copy of the label is enclosed for your records.

If you have any questions concerning this letter, please contact Barbara Pringle at (703)308-6236.

Sincerely,



Velma Noble  
Team Leader 31  
Regulatory Management Branch I  
Antimicrobial Division (7510W)67262-15

| CONCURRENCES |         |  |  |  |  |  |  |
|--------------|---------|--|--|--|--|--|--|
| SYMBOL       | 7150W   |  |  |  |  |  |  |
| SURNAME      | Pringle |  |  |  |  |  |  |
| DATE         | 8-10-98 |  |  |  |  |  |  |

# NUTRAL Q

KEEP OUT OF THE REACH OF CHILDREN

**DAINGER**

For Commercial, Industrial and Institutional Use Only  
See Safety Precautions For Additional Precautionary Statements

Disinfectant · Cleaner · Deodorizer  
Fungicide · Virucide\*

EPA Reg. No. 3838-50 · EPA Est. No. 3538-WI-1

#### ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride ..... 3.255%  
Dioctyl dimethyl ammonium chloride ..... 1.628%  
Didecyl dimethyl ammonium chloride ..... 1.628%  
Alkyl (60% C14, 40% C12, 10% C16)  
dimethyl benzyl ammonium chloride ..... 4.339%

**INERT INGREDIENTS** ..... 89.150%  
**TOTAL** ..... 100.000%

**ESSENTIAL**  
**INDUSTRIES**



705DN

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 10 1998

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
registered under EPA Reg. No. 3838-50

#### DIRECTIONS FOR USE

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

This product is a phosphate-free formulation designed to provide effective cleaning, deodorizing and disinfection for hospitals, nursing homes, hotels, schools, restaurants and other institutions where housekeeping is of prime importance in controlling cross-contamination from treated surfaces.

This product, when used as directed, is formulated to disinfect non-porous inanimate environmental surfaces such as floors, walls, metal surfaces, stainless steel surfaces, porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs and cabinets. For larger areas such as operating rooms and patient care facilities, this product is designed to provide both general cleaning and disinfecting.

This product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls, and other areas which are prone to odors caused by microorganisms.

This product is formulated to a neutral pH and will not dull high-gloss floor finishes with repeated use.

**DISINFECTION:** To disinfect inanimate, hard, non-porous surfaces add 1 ounce of this product per gallon of water. Apply solution with a mop, cloth, sponge, or hand-pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid.

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

**TO DISINFECT TOILET BOWLS:** Remove gross filth or soils from surfaces with bowl brush. Add 1 ounce of product to the bowl water. Brush or scrub the bowl completely using a scrub brush or toilet mop making sure to get under the rim. Let stand for 10 minutes and flush.

**EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE AND VIRUCIDE IN WATER UP TO 400 PPM HARDNESS (AS CaCO<sub>3</sub>) IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).**

**DEODORIZATION:** To deodorize, apply this product as indicated under the heading DISINFECTION.

**BACTERICIDAL ACTIVITY:** At the 1 ounce per gallon dilution, this product demonstrates effective disinfectant activity against the organisms: *Pseudomonas aeruginosa*, *Salmonella choleraesuis*, *Staphylococcus aureus*, *Staphylococcus aureus* (clinical isolate), *Bordetella bronchiseptica*, *Corynebacterium ammoniagenes*, *Enterobacter aerogenes*, *Enterobacter cloacae*, *Enterobacter cloacae* (clinical isolate), *Enterococcus faecalis*, *Enterococcus faecalis* (clinical isolate), *Escherichia coli*, *Escherichia coli* (clinical isolate), *Fusobacterium necrophorum*, *Klebsiella pneumoniae* subsp. *pneumoniae*, *Lactobacillus casei* subsp. *rhamnosus*, *Listeria monocytogenes*, *Pasteurella multocida*, *Proteus vulgaris*, *Proteus mirabilis* ATCC 9921, *Proteus mirabilis* ATCC 25933, *Salmonella choleraesuis* subsp. *choleraesuis* serotype paratyphi B, *Salmonella choleraesuis* subsp. *choleraesuis* serotype typhi, *Salmonella choleraesuis* subsp. *choleraesuis* serotype typhimurium, *Salmonella choleraesuis* subsp. *choleraesuis* serotype pullorum, *Serratia marcescens*, *Shigella*

*sonnei*, *Shigella flexneri* Type 2b, *Shigella dysenteriae*, *Staphylococcus aureus* subsp. *aureus*, *Staphylococcus epidermidis*, *Staphylococcus epidermidis* (clinical isolate), *Streptococcus pyogenes* (clinical-flesh eating strain Bird M3), *Streptococcus pyogenes* Group A, *Xanthomonas maltophilia* (clinical isolate), Vancomycin resistant *Enterococcus faecalis* and Methicillin resistant *Staphylococcus aureus*.

**FUNGICIDAL ACTIVITY:** At the 1 ounce per gallon dilution, this product demonstrates effective fungicidal activity against the pathogenic fungi *Trichophyton mentagrophytes*, *Candida albicans* and *Aspergillus niger*.

**\*VIRUCIDAL ACTIVITY:** This product, when used on environmental, inanimate hard non-porous surfaces at 1 ounce per gallon of water, exhibits effective virucidal activity against HIV-1, HIV-2, Herpes Simplex Type 1 (causative agent of fever blisters), Herpes Simplex Type 2 (genital disease), Influenza A2/Hong Kong, Vaccinia, Pseudorabies, Bovine Rhinotracheitis, Feline Leukemia, Feline Picornavirus and Canine Distemper.

**KILLS HIV-1 AND HIV-2 ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings (hospitals, nursing homes) 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 or Type 2 (HIV-1 or HIV-2) (associated with AIDS).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 AND HIV-2 OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

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 blood stream 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 pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

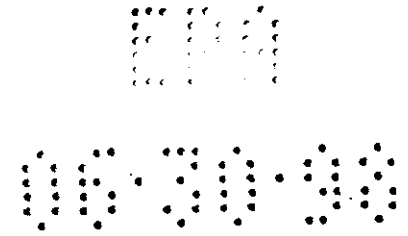
**PERSONAL PROTECTION:** When handling items soiled with blood or body fluids, use disposable latex gloves, gowns, masks, or eye coverings.

**CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

**CONTACT TIME:** Allow surface to remain wet for 10 minutes.

**DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

Net Contents: One Gallon (3.8 Liters)



#### PRECAUTION

#### HAZARDS TO HUMANS

**DANGER. KEEP OUT OF REACH OF CHILDREN. CONSIDERABLE IRRITATION TO SKIN OR ON CLOTHING. WEAR GOGGLES OR FACE SHIELD AND RESISTANT GLOVES. AVOID CONTAMINATION OF FOOD. REMOVE CONTAMINATED CLOTHING AND WASH IMMEDIATELY WITH SOAP AND WATER AFTER HANDLING.**

**STATEMENT OF PRACTICAL TREATMENT:** In case of eye contact, flush with water for at least 15 minutes. For eyes, call a physician. If swallowed, drink large quantities of water. Avoid alcohol.

**NOTE TO PHYSICIAN:** Probable mucosal damage may occur.

#### STORAGE

#### DO NOT CONTAMINATE WATER, FOOD, OR FEEDSTUFFS

**STORAGE:** Store in a dry place no lower in temperature than 40°F. Do not store in areas where the container may be damaged by rodents, insects, or other animals.

**CONTAINER DISPOSAL:** Do not reuse empty container. Empty container into newspaper and discard empty container in trash.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely toxic. Improper disposal of this mixture or residue is a violation of Federal Law. If the instructions, contact your State Pesticide or Environmental Control Agency at the nearest EPA Regional Office of guidance.

Essential I

P.O. Box 12 · Merton, Wisconsin

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