

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 29 1998

NCH Corporation
2727 Chemsearch Blvd.
Irving, TX 75062

ATTENTION: Sonia White

SUBJECT: Grenadier
EPA Registration Number 1769-259
Amendment to Revise Label
Your Amendment Dated: January 22, 1998

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3 (c) (7) (A), is acceptable subject to the comments listed below.

1) The deletion of the medical device statement is acceptable only if you revise the use sites as follows. "Grenadier is a cleaner and disinfectant designed for institutional use, such as hospitals, operating rooms, nursing homes and schools where housekeeping...For use on floors, walls, sink tops, garbage pails, telephones, restrooms and bed pans. Effective against..."

2) Your storage and disposal statements for 1 gallon and smaller are for homeowner products and should not be used. Since this is a product with institutional directions revise all storage and disposal statements to read as on the 2 gallon and larger size.

3) Revise the "Precautionary Statements" as follows. "Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse."

4) If you have received medical advice which recommends "induce vomiting" you may retain this statement on your label. Otherwise the Agency recommends that the following language be used: "IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, raw egg whites, gelatin solution, or if these are not readily available, drink large quantities of water. Avoid alcohol."

CONCURRENCES

SYMBOL	7510 W						
SURNAME	S. Lantz						
DATE	4/24/98						

5) Revise the statement "If on skin" to read as follows: "Wash with plenty of soap and water. Get medical attention."


6) Revise the statement "If in eyes" to read as follows: "Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention."

In the future complete Section III of the Application for Pesticide, Form 8570-1.

A stamped copy of the label is enclosed for your records. Submit one (1) copy of the final printed label prior to the release of the product for shipment.

Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble
 Product Manager (31)
 Regulatory Management Branch I
 Antimicrobials Division (7510W)

7510W:T.Lantz:4/24/98:1769-259

CONCURRENCES							
SYMBOL	7510 W						
SURNAME	T. Lantz						
DATE	4/24/98						

ACCEPTED
with COMMENTS
in EPA Letter Dated:
APR 29 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 1769-259

GRENADIER

Cleaner - Deodorizer - Disinfectant - Fungicide

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

ACTIVE INGREDIENTS

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18)dimethyl benzyl ammonium chlorides.....	2.25%
n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides.....	2.25%
INERT INGREDIENTS.....	95.50%
TOTAL.....	100.00%

DANGER

KEEP OUT OF REACH OF CHILDREN

(See side panel for additional precautionary statements.)

EPA Reg. No. 1769-259

NET CONTENTS: _____

National Chemsearch
Div. of NCH Corporation
2727 Chemsearch Blvd.
Irving, TX 75062

GRENADIER is a cleaner and disinfectant designed for institutional use, such as hospitals, nursing homes and schools where housekeeping will be of prime importance in controlling the hazard of cross-contamination from environmental surfaces. GRENADIER can provide the assurance you need in this area, when used as directed. For use on floors, walls, sink tops, garbage pails, telephones, restrooms, bed pans and operating rooms. Effective against HIV-1 (AIDS virus), Staphylococcus aureus, Salmonella choleraesuis, Pseudomonas aeruginosa, Influenza A2 and Herpes simplex Type 1 viruses carried on inanimate environmental surfaces.

additional claims (A):

GRENADIER is also an excellent cleaner, disinfectant, and deodorizer for use in pet care facilities, such as veterinarian clinics, animal hospitals and kennels. Effective against Canine Parvovirus, Canine Distemper, Pseudorabies Virus and Newcastle's virus carried on inanimate surfaces.

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~~

APR 29 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended by the FIFRA Act of 1996,
registered under EPA Reg. No.

1769-259

~~disinfectant on any surface or instrument that (1) penetrates 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 pre-clean critical or semi-critical medical devices prior to sterilization or high-level disinfection.~~

DISINFECTION: Use at 2 ounces per gallon. This product will be effective against *Pseudomonas aeruginosa* PRD-10 at this level. This has been substantiated by the AOAC Use Dilution Confirmation Test. At this level, the product is also fungicidal against the pathogenic fungus *Trichophyton mentagrophytes*. Remove gross filth and heavy soil deposits from surfaces prior to application of the recommended solution. To disinfect inanimate environmental surfaces (such as walls, resilient floors, sealed wooden floors, countertops, table tops), add 2 ounces of GRENADIER per gallon of water. Apply the solution with a mop, cloth or sponge. Rinse with potable water and let air dry.

To disinfect commodes, flush, then add 2 ounces of GRENADIER directly to the commode water. Swab the commode completely, including under the rim, with a toilet mop or scrub brush. Let stand for 10 minutes and flush.

VIRUCIDAL ACTIVITY: The product, when used on environmental inanimate hard surfaces at 2 ounces per gallon of water, exhibits effective virucidal activity against HIV-1 (AIDS virus), Influenza A2 (Asian) (representative of the common flu virus), Herpes simplex Type 1 (causative agent of fever blisters), Adeno virus Type 2 (causative agent of upper respiratory infections), and Vaccinia virus (representative of the pox virus group).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS) OF HARD, NONPOROUS SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS

PERSONAL PROTECTION

Before beginning to disinfect contaminated surfaces, the person performing the job should wear disposable latex gloves/gown and a surgical mask.

CLEANING PROCEDURE

Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of GRENADIER.

DISPOSAL OF INFECTIOUS MATERIAL

Blood and other body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

CONTACT TIME

To disinfect the surfaces/objects, use GRENADIER at a 1:64 dilution, 2 ounces/gallon of tap water, and allow a contact time of 10 minutes at room temperature (20-25C/70-75F).

ACCEPTED

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additional use claims (B):

Under the Federal Insecticide,
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DISINFECTATION AND DEODORIZATION OF PET CARE FACILITIES

1769-259

Dilute GRENADIER at a rate of 2 ounces per gallon of water. Apply liberally to all contaminated surfaces using a mop, cloth or sponge. Agitate thoroughly and allow the solution to remain on the surface for 10 minutes. Rinse with potable water and let air dry before permitting re-entry of animals.

storage and disposal statements for 2 gallon and larger:

STORAGE AND DISPOSAL

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

STORAGE: KEEP CONTAINER CLOSED

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

[storage and disposal for 1 gallon and smaller]:

STORAGE AND DISPOSAL

STORAGE: KEEP CONTAINER CLOSED. Store in the original container in a cool, dry area inaccessible to children and pets.

PESTICIDE DISPOSAL - Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL - Do not reuse container. Rinse thoroughly before discarding in the trash.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Harmful or fatal if swallowed. Do not get in eyes, on skin, or on clothing. Corrosive. Causes eye and skin damage. Wear goggles or a face shield and rubber gloves when handling.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of the throat with a finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove the victim to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

IF IN EYES: Flush the eyes with plenty of water. Call a physician immediately.

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 EX-1 TX-2

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