

NATIONAL

GRENADIER™

Cleaner
Deodorizer
Disinfectant
Fungicide

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:

TOTAL 95.50%
TOTAL 100.00%

DANGER

KEEP OUT OF REACH
OF CHILDREN

ERA Reg. No. 1769-259

NET CONTENTS:

NATIONAL CHEMSEARCH

A Division of NCH Corporation
2727 Chemsearch Blvd., Irving, Texas 75062
Dallas • Houston • Oklahoma • Phoenix • St. Louis
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GRENADIER is a cleaner, deodorant and sanitizer designed for institutional use, such as hospitals, nursing homes, and schools, where housekeeping is of prime importance in controlling the hazard of cross contamination from environmental surfaces. GRENADIER can provide the advantage you need in this area when used as directed. For use on floors, walls, sink tops, garbage pails, telephones, rest rooms, bed pans, and operating rooms. Effective against *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Escherichia coli*, and *Pseudomonas aeruginosa*.

DISINFECTION: Use at 2 ounces per gallon. This product will be effective against *Pseudomonas aeruginosa* (PRD 19) in this regard. This has been demonstrated by the AAOAC Use Dilution Confirmation Test. At this level, the product is also fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes*.

VIROCIDAL ACTIVITY: The product when used on environmental surfaces at a dilution of 2 ounces per gallon of water exhibits effective activity against agents such as Ad. As an (representative of the common types of Herpes simplex) causative agent of fever blisters and mononucleosis. Adenovirus type 2 is a causative agent of upper respiratory infections, and *Vaccinia virus* (representative of the pox virus group).

SANITIZATION: When used for sanitization of previously cleaned food equipment or food contact items, use active quaternaries to 200 ppm. A POTABLE WATER R.I.S.E. is required.

**DIRECTIONS FOR USE
GENERAL CLASSIFICATION**

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

GRENADIER has been developed specifically for use in hospitals, nursing homes, schools and other institutions where housekeeping is of prime importance. GRENADIER disinfects *Influenza A₂*, *Herpes simplex* and most *herpetic* viruses carried on inanimate environmental surfaces.

DISINFECTION: 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 solution with mop, cloth or sponge and let air dry. FOOD CONTACT SURFACES must be rinsed with potable water before reuse.

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 ten minutes and flush.

SANITIZATION: To sanitize food processing equipment, food handling equipment, meat troughs, scales, slicers, choppers, blenders, and other food processing equipment thoroughly, flood the area with a solution of 2 ounces GRENADIER per gallon of water. Apply solution with spray nozzle, with a 1/2" thick sponge. Maintain contact with surface completely with at least 60 seconds. Rinse with potable water and air dry. Prepare a fresh solution for reuse.

**PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
DANGER**

Corrosive: Causes severe eye and skin irritation. Do not get in eyes, on skin, or on clothing. Wash goggles or face shield and rubber gloves when flushing. Flush eye for 15 minutes if splashed. Flush for 15 minutes if inhaled.

Skin: Avoid contact with skin. If contact does occur, wash skin thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse. Do not ingest.

Eyes: Irritation to eyes. Immediately flush eyes with plenty of water for at least 15 minutes. See a physician.

Ingestion: If swallowed, induce promptly. Do not induce if you are pregnant, if you are lactating, or if there are contraindications. Drink plenty of water. Do not induce if you are pregnant.

NOTE TO PHYSICIAN: For information on this product, contact the manufacturer. Advise physician of all symptoms, including the use of gastric lavage. Measures to protect the patient, such as oxygen and measures to support breathing manually, if mechanical ventilation is needed. If persistent convulsions may be controlled by the cautious intravenous injection of a short acting barbiturate drug.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty containers.

Pesticide Disposal: Pesticides that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place.

Container Disposal: Triple rinse (or equivalent) and dispose in an unlined landfill approved for pesticide containers, or bury in a safe place.

TO REORDER:
In Texas, call 1-800-442-7950
Outside Texas, call 1-800-527-9921

EPA Est. No. 4140

CA-1	IN-1	NJ-1	PR-1	TX-1
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**NOT FOR RESALE OR RESIDENTIAL
USE AND STORAGE UNLESS APPLIED
AND STORED BY SERVICE PERSONS**