

92.01.14

CHEMSEARCH(R)

GRENADIER

DANGER

CORROSIVE

Cleaner * Detergent * Deodorizer * Sanitizer
Mildewstat (on hard inanimate surfaces)

AVOID CONTAMINATION OF FOOD

READ THE LABEL BEFORE USING

GUARANTEE

n-Alkyl (5% C12, 60% C14, 30% C16, 5% C18)
dimethyl benzyl ammonium chlorides 2.25%
n-Alkyl (68% C12, 32% C14)
dimethyl ethylbenzyl ammonium chlorides 2.25%

COMMERCIAL

REGISTRATION NO. 22297 PEST CONTROL PRODUCTS ACT

DIN: 01920995

Lot #:

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NET CONTENTS:

LITRES

NATIONAL CHEMSEARCH
Division of NCH Canada Inc.
245 Orenda Road
Brampton, Ontario L6T 1E7

GRENADIER is a phosphate free concentrated detergent/disinfectant which provides effective cleaning, deodorizing, disinfecting and sanitizing. GRENADIER detergent/disinfectant 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.

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

DISINFECTION: At 80 mL per 5 litres dilution, GRENADIER exhibits effective disinfectant activity against the following:

Pseudomonas aeruginosa PRD-10	
Escherichia coli	Brevibacterium ammoniagenes
Klebsiella pneumoniae	Streptococcus faecalis
Salmonella schottmuelleri	Shigella dysenteriae
Salmonella choleraesuis	Enterobacter arogenes
Streptococcus salivarius	Staphylococcus aureus

At this level the product is also fungicidal against the pathogenic fungi, Trichophyton mentagrophytes.

VIRUCIDAL ACTIVITY: The product when used on environmental inanimate hard surfaces at 80 mL per 5 L of water exhibits effective blisters and mononucleosis), Adeno virus type 2 (causative agent of upper respiratory infections), and Vaccinia virus (representative of the pox virus group).

EFFICACY TESTS HAVE DEMONSTRATED THAT GRENADIER IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

MOLD AND MILDEWSTAT: GRENADIER prevents and controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces.

SANITIZATION: When used for sanitization of previously cleaned food equipment or food contact items limit active quaternaries to 200 ppm. GRENADIER is an effective sanitizer when diluted in water up to 250 ppm hardness (CaCO₃).

STORAGE: Do not contaminate water, food or feed by storage or disposal. Store in a dry place no higher in temperature than 49°C/120°F.

DISPOSAL:

1. Rinse the emptied container thoroughly and add the rinsings to treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal or reconditioning.
3. Dispose of the container in accordance with provincial requirements.
4. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the regional office of Environment Canada.
5. For small spills. Recover free liquid. Soak up residue

with solids absorbent. DO NOT FLUSH INTO SURFACE STREAMS.
INFORM ENVIRONMENT CANADA AS IN #4.

DISINFECTION: To disinfect hard inanimate surfaces (such as walls, floors, table tops), add 80 mL GRENADIER detergent/disinfectant per 5 L of water. Apply solution with mop, cloth or sponge so as to wet thoroughly. Allow to remain wet for 10 minutes and then let air dry.

To disinfect toilet bowls, flush toilet, add 80 mL GRENADIER detergent/disinfectant directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand 10 minutes and flush. For 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 nonporous surfaces (such as floors, walls, table tops) add 80 mL GRENADIER per 5 L 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 or when mildew growth reappears.

SANITIZATION: To sanitize previously cleaned and rinsed nonporous food contact surfaces, prepare 200 ppm active quaternary GRENADIER solution by adding 50 mL GRENADIER to 10 L of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200 ppm active quaternary GRENADIER solution for at least 60 seconds. Let air dry. Prepare a fresh solution for each use.

To sanitize mobile items (such as drinking glasses, eating utensils) immerse in 200 ppm GRENADIER solution for at least 60 seconds making sure to immerse completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

PRECAUTIONARY STATEMENTS DANGER TO HUMANS AND DOMESTIC ANIMALS

Keep out of Reach of Children. Causes severe eye and skin irritation. Do not get in eyes, skin or on clothing. Harmful if swallowed.

DANGER - CORROSIVE TO EYES

FIRST AID: 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 reuse. If swallowed, drink milk, egg whites, gelatin solution if these are not available, drink large quantities of water. Call a physician.

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

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

See Material Safety Data Sheet for more information.

TO REORDER, CALL TOLL-FREE: ONTARIO 1-800-268-3002 OUTSIDE ONTARIO: 1-800-268-0804

NOT INTENDED FOR HOUSEHOLD USE OR RESALE

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