

93.06.04

CHALLENGER I

DETERGENT/DISINFECTANT

Cleaner/Detergent/Deodorizer

Sanitizer/Disinfectant
Fungicide (Against Pathogenic Fungi)
Mildewstat (on hard inanimate surfaces)

COMMERCIAL

ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONS

CAUTION

CORROSIVE

READ THE LABEL BEFORE USING

REGISTRATION NO. 19750

PEST CONTROL PRODUCTS ACT

D.I.N. 702420

GUARANTEE

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

n-Alkyl (60% C12, 32% C14)
dimethyl ethylbenzyl ammonium chlorides.....2.25%

NET CONTENTS

SHERIDAN CHEMICALS INC.
Hamilton, Ontario
L8L 6W4

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.

CHALLENGER I detergent/disinfectant has been designed specially for hospitals, nursing homes, schools, food processing plants, food service establishments and other institutions where housekeeping is of prime importance.

DISINFECTION: To disinfect hard inanimate surfaces (such as walls, floors, tabletops), add 16 mL Challenger I detergent/disinfectant per L of water. Apply solution with mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes and then let air dry.

To disinfect toilet bowls, flush toilet, add 16 mL Challenger I 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 for 10 minutes and flush.

For heavily soiled areas, a precleaning step is required and recommended. Prepare a fresh solution for each use.

MILDEWSTAT - To control mold and mildew on precleaned, hard non-porous surfaces (such as floors, walls, table tops) add 16 mL Challenger I per 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 non-porous food contact surfaces, prepare 200 p.p.m. active quaternary Challenger I solution by 5 mL Challenger I per L of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200 ppm active quaternary Challenger I solution for at least 60 seconds making sure to wet all surfaces completely 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 Challenger I 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 HAZARD TO HUMANS AND DOMESTIC ANIMALS. KEEP OUT OF REACH OF CHILDREN. Cause severe eye and skin damage. Do not get in eyes, on skin or clothing. Use goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

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 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.

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

Challenger I provides effective cleaning, deodorizing, disinfection, and sanitization. Challenger I detergent/disinfectant has been designed specially for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance in controlling the hazard of cross contamination. Challenger I when diluted at the rate of 16 mL of water is an effective disinfectant against the organisms *Pseudonas aeruginosa* and meets all requirements for hospital use. When used as directed, Challenger I is formulated to disinfect inanimate hard surfaces such as walls, floors, sink tops, toilet bowls, table, chairs, telephones and bed frames. For larger are as such operating rooms, patient care facilities and restrooms, the product is designed to provide both general cleaning and disinfection.

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

DISINFECTION: At 6 mL dilution, Challenger I exhibits effective disinfectant activity against the organisms: *Salmonella choleraesuis* and *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 6 mL per liter of water exhibits effective virucidal against influenza, A-2 Asian (representative of the common flu virus), Herpes simplex (causative agent of fever blisters and mononucleosis), Adeno-virus type 2 (causative

agent of upper respiratory infection Vaccinia virus
(representative of the pox virus group.

EFFICACY TESTS HAVE DEMONSTRATED THAT CHALLENGER I IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM). Mold and Mildewstat - Challenger I 4-5 prevents and controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage and disposal. STORAGE - Store in a dry place no lower in temperature than 10'C or higher than 50'C. Rinse the emptied container thoroughly and add the rinsings to treatment site. Follow provincial instructions for any required additional cleaning of the container prior to its disposal or reconditioning. Dispose of the container in accordance with provincial requirements. For information on the disposal of unwanted product and the cleanup of spills contact the regional office of Environment Canada. For small spills: recover free liquid. Soak up residue with solids absorbent. DO NOT FLUSH INTO SURFACE STREAMS. INFORM ENVIRONMENT CANADA AS IN PREVIOUS PARAGRAPH.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.

+))