

DFC 450

DETERGENT/DISINFECTANT

CLEANER DEODORIZER VIRUCIDE* DISINFECTANT SANITIZER DETERGENT FUNGICIDE (against Pathogenic fungi) MILDEWSTAT (on hard inanimate surfaces)

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 100.0%

Effective against the following at 2 ounces per gallon dilution:

Enterobacter aerogenes	Brevibacterium ammoniagenes	Escherichia coli
Streptococcus faecalis	Klebsiella pneumoniae	Shigella dysenteriae
Salmonella schullmuelleri	Staphylococcus aureus	Salmonella choleraesuis
Trichophyton mentagrophytes	Vaccinia virus*	Adeno virus type 2*
Influenza A2 - Asian*	Herpes simplex*	Pseudomonas aeruginosa PRD-10

ONLY FOR SALE TO, USE, AND STORAGE BY SERVICE PERSONS

KEEP OUT OF REACH OF CHILDREN

WARNING

see side panel for additional precautionary and practical treatment statements.

REFIL CHEMICALS, INC.

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 WARMINSTER, PA. 18974

NET CONTENTS

EPA REG. NO. 44049-4
 EPA EST. NO. 44049-Pa-1

ACCEPTED
 JUN 17 1983
 Under the Federal Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 44049-4

This phosphate free detergent/disinfectant has been designed specifically for hospital and other institutions where housekeeping is of prime importance in controlling the spread of germs.

DIRECTIONS:

General Classification

It is a violation of Federal Law to use this product in a manner which is not in accordance with the label directions.
DISINFECTION: To disinfect hard inanimate surfaces (such as walls, floors and ceilings) use a mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes. Inspected food processing plant rinse thoroughly with potable water then allow to air dry.
DILUTION RATES: General Disinfection & Hospital Disinfection - Add 2 ounces of DFC 450 to 1 gallon of water. To disinfect toilet bowl, flush toilet, add 2 ounces of detergent disinfectant directly to toilet bowl. For heavily soiled areas, a pre-cleaning step is recommended. Prepare a fresh solution for each use.
MILDEWSTAT: To control mold and mildew on hard nonporous surfaces (such as floors, walls, ceilings) use 1/2 ounce per gallon of water. Apply with a cloth, mop or sponge to surface to be treated making sure to get under the rim. Let stand for 10 minutes. For heavily soiled areas, a pre-cleaning step is recommended. Prepare a fresh solution for each use.
SANITIZATION: To sanitize previously cleaned and rinsed nonporous food contact surfaces (such as food processing plant) rinse thoroughly with potable water then allow to air dry. Let stand for 10 minutes. To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood with solution, making sure to wet all surfaces completely for at least 60 seconds. RINSE thoroughly with potable water.
 To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 20 parts per million solution completely. REMOVE AND RINSE THOROUGHLY WITH POTABLE WATER when use is apparent.

PRECAUTIONARY STATEMENTS Hazard to H

WARNING: KEEP OUT OF REACH OF CHILDREN. Causes eye and skin irritation if swallowed.

STATEMENT OF PRACTICAL TR

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. If contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatin or water. Call a physician.

NOTE TO PHYSICIAN: Probably mucosal damage may contraindicate the use of respiratory depression and convulsion may be needed.

STORAGE AND DISPOS

- DO NOT CONTAMINATE WATER, FOOD OR FEED
- OPEN DUMPING IS PROHIBITED.
- DO NOT REUSE EMPTY CONTAINER.

PESTICIDE DISPOSAL: Pesticides that cannot be used or chemically reproduced should be disposed of in a safe place.
CONTAINER DISPOSAL: Triple rinse (or equivalent) and dispose in an incinerator or other approved safe place.

BEST DOCUMENT

450

DISINFECTANT

DETERGENT
FUNGICIDE (against Pathogenic fungi)
MILDEWSTAT (on hard inanimate surfaces)

2.25%

2.25%

95-50%

Total 100%

1 gallon dilution:
Bacterium amoniogenes Escherichia coli
Staphylococcus aureus Shigella dysenteriae
Pseudomonas aeruginosa Adeno virus type 2*
Pseudomonas aeruginosa PRD-10

STORAGE BY SERVICE PERSONS

KEEP OUT OF REACH OF CHILDREN

WARNING

Precautionary and practical treatment statements.

EPA REG. NO. 44049-4
EPA EST. NO. 44049-Pa-1

This phosphate free 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.

DIRECTIONS:

General Classifications

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

DISINFECTION: To disinfect hard inanimate surfaces (such as walls, floors and table tops) 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. (When used in USDA inspected food processing plant rinse thoroughly with potable water then allow to air dry.)

DILUTION RATES: General Disinfection & Hospital Disinfection - Add 2 ounces per gallon of water.

To disinfect toilet bowl, flush toilet, add 2 ounces of 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 pre-cleaning step is recommended. Prepare a fresh solution for each use.

MILDEWSTAT: To control mold and mildew on hard nonporous surfaces (such as floors, walls, table tops) clean surfaces then add 2 ounces per gallon of water. Apply with a cloth, mop or sponge to surface to be treated making sure to wet thoroughly. (When used in USDA inspected food processing plant rinse thoroughly with potable water then allow to air dry.) 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 200ppm active quaternary solution by adding 4 ounces to 7 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200ppm solution or apply with a cloth or sponge, making sure to wet all surfaces completely for at least 60 seconds. RINSE THOROUGHLY WITH POTABLE WATER. Prepare a fresh solution for each use.

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200ppm solution for at least 60 seconds making sure to immerse completely. REMOVE AND RINSE THOROUGHLY WITH POTABLE WATER. Prepare a fresh solution daily or more frequently as soil is apparent.

PRECAUTIONARY STATEMENTS Hazard to Human and Domestic Animals

WARNING: KEEP OUT OR REACH OF CHILDREN. Causes eye and skin irritation. Do not get in eyes, on skin or clothing. Harmful if swallowed.

STATEMENT OF PRACTICAL TREATMENT

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 all contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician.

NOTE TO PHYSICIAN: Probably mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL
- OPEN DUMPING IS PROHIBITED.
- DO NOT REUSE EMPTY CONTAINER.

PESTICIDE DISPOSAL: Pesticides that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide or buried in a safe place.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

ACCEPTED

17 1983

Under the Federal Insecticide, Fungicide, and Rodenticide Act, for the pesticide 44049-4

BEST DOCUMENT AVAILABLE

USDA
FBI, R7 NW