

Reg no: 1043-77

PM-31

1984

JUL 06 1990

Calgon Veetal Laboratories
Division of Calgon Corporation
Subsidiary of Merck & Co., Inc
P.O. Box 147
St. Louis, MO 63166

Attn: Michael Ebers

Product Name: Powder Keg
Registration Number 1043-77
Application Dated 4-3-90

The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Revise the statement "Disinfect used solution when it becomes dirty and replace with fresh solution" to read "A fresh solution should be prepared at least daily or more often if the solution becomes diluted or soiled".
 - b. Immediately above the heading "SPECIAL INSTRUCTIONS FOR CLEANING ..." insert the statement "KILLS HIV-1 (AIDS VIRUS) ON PRE-CLEANED ENVIRONMENTAL SURFACE/SURJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus type 1 (HIV-1) (associated with AIDS)."

58519:I:Delaney:LL-10:KEMCO:6/19/90:7/19/90:dg:sw:vo:ek:dg

SYMBOL	CONCURRENCES									
SURNAME M Delaney										
DATE 6/18/90										

OFFICIAL FILE COPY

EPA Form 1320-1 (12-79)

c. Change "VIRUCIDE" to read "VIRUCIDE*".

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha DeLaney at (703) 557-6982.

Sincerely yours,



John H. Lee
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

Precautionary Statements
Hazard to Humans and Domestic Animals:

Kills HIV-1 (AIDS virus) on inanimate surfaces.

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DANGER
DO NOT REMOVE PACKETS BEFORE USE
Corrosive. Causes eye and skin damage. Do not get powder in eyes, on skin or on clothing. Harmful if swallowed. Handle only with dry hands. Do not open packets; place directly into bucket.
FIRST AID: In case of eye contact immediately flush eyes with water for 15 minutes and get medical attention. For skin contact, flush thoroughly with water. Remove and wash contaminated clothing before reuse. If swallowed, drink a large quantity of milk, egg whites, gelatin solution or water. Avoid alcohol. Do not induce vomiting. Call physician immediately. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
CLEANING AND DISINFECTING WASHABLE HARD SURFACES: For routine cleaning and disinfecting add one packet to a wash bucket for each measured gallon of warm (70-80°F) water used. When making solutions in hard water, use two packets for each measured gallon of warm (70-80°F) water used. Always gently mix for a uniform solution.
Apply solution by normal methods with brush, cloth, or mop. Thoroughly wet all surfaces to be cleaned, then remove excess solution with a wrung-out applicator. Treated surfaces should remain wet for ten minutes. Gross dirt should be removed by scraping or sweeping before cleaning begins. Discard used solution when it becomes dirty and replace with fresh solution. This is a complete product. Do not add other chemicals. Use only as directed.
USE ONE PACKET FOR EACH GALLON OF WARM WATER FOR REGULAR CLEANING. WHEN MAKING SOLUTIONS IN HARD WATER, USE TWO PACKETS PER GALLON OF WATER.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (HUMAN IMMUNODEFICIENCY VIRUS OR AIDS VIRUS) OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:
Personal Protection: Wear appropriate barrier protection such as latex gloves, gowns, masks, or eye coverings.
Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of a 1:256 use solution (1 packet per gallon). Prepare and apply solution as directed in paragraph above. **Contact Time:** While the HIV-1 virus is inactivated in 1 minute, use a 10-minute contact time for disinfection of all organisms on this label. **Infectious Materials Disposal:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious disposal.
STORAGE AND DISPOSAL
Store in a cool dry place. Close this container after each use. Handle packets only with dry hands.
PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.
PESTICIDE DISPOSAL: This germicide, its solutions or rinsings from empty containers should be disposed of in a toilet or service sink served by a sanitary sewer or in a land fill approved for pesticides.
CONTAINER DISPOSAL: Triple rinse and deposit in a waste container for incineration or burial in a land fill approved for pesticide containers.
GENERAL: Consult Federal, State, or Local disposal authorities for approved alternative procedures such as limited opening burning.

PREMEASURED
GERMICIDAL DETERGENT

POWDER KEG

EPA Reg. No. 1043-77

Germicide • Deodorizer
Fungicide • Virucide • Detergent

Active Ingredients:

Octyl Decyl Dimethyl Ammonium Chloride	3.25%
Diethyl Dimethyl Ammonium Chloride	1.63%
Didecyl Dimethyl Ammonium Chloride	1.63%
n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₇ , 5% C ₁₈)	
Dimethyl Benzyl Ammonium Chloride n-Alkyl (68% C ₁₂ , 32% C ₁₄)	3.16%
Dimethyl Ethylbenzyl Ammonium Chloride	3.16%
Inert Ingredients:	87.17%

DANGER
KEEP OUT OF REACH OF CHILDREN

Statement of Practical Treatment

In case of eye contact, flush with warm water for 15 minutes. Get medical attention. For skin contact, flush thoroughly with water. See side panel for additional precautionary statements.

Classified by Underwriters Laboratories Inc. as to electrical conductivity when used on conductive floors and spontaneous heating. **POWDER KEG** germicidal detergent—For use with listed electrically conductive flooring of the vinyl type. 942P.

NET WEIGHT: 27 pounds 8 ounces
(880 half-ounce water soluble packets)



Division of Calgon Corporation
Subsidiary of Merck & Co., Inc.
St. Louis, MO 63133

6394-90A EPA Est. No. 1043-IL-1

POWDER KEG treated powder free germicidal handy pre-measured. The use solution per gallon of water easily cleans a

It is designed for washable floors, walls, tile, terrazzo, asphalt or rubber floor painted a

GERMICIDAL: Dilution Methicillin aeruginosa) 10 organic soil (9 in 400 ppm ha

BROAD SPECTRUM ing organisms 10 minutes. in (serum) at 20° hard water).

- Acinetobacter
- Candida albica
- Candida parali
- Citrobacter fr
- Enterobacter
- Enterobacter
- Escherichia c
- Klebsiella pne
- Proteus miral
- Proteus vulgar
- Pseudomona
- Saimonella th
- Serratia marc
- Shigella flexi
- Shigella soni
- Staphylococ
- Staphylococ
- (Methicillin
- Staphylococ
- Streptococci
- Streptococci

FUNGICIDA (T. mentagrc the presenc (1:128 in 400

VIRUCIDAL: (influenza A 1 and 2. Va posure time at 20°C (1:1

†When tested i (AIDS) virus, inactivated b at 20 - 25°C. shown to be e for other org against all e

ODOR-COU cidal deter three ways chemically fine deterge

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POWDER KEG germicidal detergent is a concentrated powdered hard-water effective phosphate-free germicidal detergent which is packaged in handy, pre-measured, 1/2 ounce soluble packets. The use solution made by dissolving one packet per gallon of warm water, (70-80°F) simultaneously cleans and deodorizes while disinfecting.

It is designed for the cleaning and disinfecting of washable, nonporous hard surfaces such as floors, walls, woodwork, bathroom fixtures, furniture and equipment. It is intended for use on, or in, institutions such as hospitals, nursing homes, schools, industrial plants, medical and dental offices, veterinary clinics, and other public areas. It may be used for the cleaning and disinfecting of stainless steel, chrome, glass, porcelain, tile, terrazzo and resilient vinyl, linoleum, asphalt or rubber flooring, as well as all washable painted and varnished surfaces.

GERMICIDAL: Passes A.O.A.C. Germicidal Use Dilution Method (S. aureus, S. choleraesuis, Ps. aeruginosa) 10 minutes, in the presence of 5% organic soil (serum) at 20°C. 1:256 dilution (1:128 in 400 ppm hard water).

BROAD SPECTRUM DATA: In addition, the following organisms pass the A.O.A.C. use-dilution test 10 minutes, in the presence of 5% organic soil (serum) at 20°C. 1:256 dilution (1:128 in 400 ppm hard water).

- Acinetobacter calcoaceticus, ATCC 19606
- Candida albicans, Clinical Isolate
- Candida parapsilosis, Clinical Isolate
- Citrobacter freundii, ATCC 8390
- Enterobacter aerogenes, ATCC 13048
- Enterobacter cloacae, ATCC 23355
- Escherichia coli, ATCC 25922
- Klebsiella pneumoniae, ATCC 13883
- Proteus mirabilis, Clinical Isolate
- Proteus vulgaris, ATCC 13315
- Pseudomonas aeruginosa, ATCC 27853
- Salmonella typhimurium, ATCC 14028
- Serratia marcescens, ATCC 3100
- Shigella flexneri, ATCC 12022
- Shigella sonnei, ATCC 25931
- Staphylococcus aureus, ATCC 25923
- Staphylococcus aureus (MRSA), Multidrug (Methicillin)-Resistant Clinical Isolate
- Staphylococcus epidermidis, ATCC 12228
- Streptococcus faecalis, ATCC 19433
- Streptococcus pyogenes, ATCC 19615

FUNGICIDAL: Passes A.O.A.C. Fungicidal Test (T. mentagrophytes) 1:256 dilution, 10 minutes, in the presence of 5% organic soil (serum) at 20°C (1:128 in 400 ppm hard water).

VIRUCIDAL: Passes Virucidal Qualification Test [Influenza A, (Hong Kong), Herpes Simplex Types 1 and 2, Vaccinia] 1:256 dilution, 10 minutes exposure time in the presence of organic soil (serum) at 20°C (1:128 in 400 ppm hard water).

† When tested by an EPA-approved Dilution Method, the HIV-1 (AIDS) virus, with added 10% organic soil (serum), was completely inactivated by a 1:256 (1 packet per 1 gallon) solution in 60 seconds at 20 - 25°C. Although efficacy at 1 minute contact time has been shown to be adequate against HIV-1, this time would not be sufficient for other organisms. Use a 10-minute contact time for disinfection against all of the organisms claimed.

ODOR-COUNTERACTANT: POWDER KEG germicidal detergent attacks unpleasant odors in three ways by killing odor-causing bacteria, chemically neutralizing odor residues, and with fine detergent cleaning ingredients.

RECEIVED
with COMMENTS
in EPA Letter Dated:

JUL 05 1990

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

1043-77