

PM31

1045-77

1/3

OCT 03 1985

Vestal Laboratories, Inc.
A Subsidiary of Chemed Corp.
5035 Manchester Avenue
St. Louis, MO 63110

Attention: Mr. R. C. Jents
Director of Government Relations

Gentlemen:

Subject: Powder Keg
EPA Registration No. 1043-77
Your Amended Application Dated June 14, 1985

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:


See the Technical Support Section Efficacy Review II enclosure.

2. Submit five (5) copies of the final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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.

Sincerely yours,


John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

RD-DIS:JOB:51799;Lee:CBI-E:KENCO:9/30/85:DEL:10/10/85:SONJA

CONCURRENCES

SYMBOL ▶							
SURNAME ▶							
DATE ▶							

2/3
OCT 03 1985

Vestal Laboratories, Inc.
A Subsidiary of Chemed Corp.
5035 Manchester Avenue
St. Louis, MO 63110

Attention: Mr. R. C. Jents


Gentlemen:

Subject: Powder Keg
EPA Registration No. 1043-77
Your Amended Application Dated July 1, 1985

The Single Level Inhalation Study is adequate to place the substance tested in toxicity category 4 for acute inhalation toxicity. No labeling changes are required and the product does not require special packaging.

The data Accession Number for this submission is 258870.

Sincerely yours,

John H. Lee 
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

RD-DIS:JOB:51799:Lee:CBI-E:KENCO:9/30/85:DEL:10/10/85:SONJA

CONCURRENCES

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DATE ▶								

PREMEASURED GERMICIDAL DETERGENT

POWDER KEG

EPA Reg. No. 1043-77

Germicide • Deodorizer • Fungicide • Virucide • Detergent

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Active Ingredients:

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

Only for Sale To, Use and Storage by Service Personnel

KEEP OUT OF REACH OF CHILDREN

DANGER

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.

**V
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ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 03 1985

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

1043-77

NET WEIGHT: 5 pounds 8 ounces (176 half-ounce water soluble packets)

pm 31
REG. # 1043-77

Precautionary Statements

ard to Humans and Domestic Animals:

DANGER

DO NOT REMOVE PACKETS BEFORE USE

ive. Causes eye and skin damage. Do not get powder in eyes, on skin or on clothing. Harmful if swallowed. Handle only with ands. Do not open packets; place directly into bucket.

IF AID: In case of eye contact immediately flush eyes with water for 15 minutes and get medical attention. For skin contact, thoroughly with water. Remove and wash contaminated clothing before reuse. If swallowed, drink a large quantity of milk, hites, gelatin solution or water. Avoid alcohol. Do not induce vomiting. Call physician immediately. NOTE TO PHYSICIAN: ble mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depres- and convulsion may be needed.

DIRECTIONS FOR USE

violation of Federal Law to use this product in a manner inconsistent with its labeling. NING AND DISINFECTING WASHABLE HARD SURFACES: For routine cleaning and disinfecting add one packet to a wash 1 for each measured gallon of warm (70-80°F) water used. When making solutions in hard water, use two packets for each red gallon of warm (70-80°F) water used. Always gently mix for a uniform solution.

solution by normal methods with brush, cloth, or mop. Thoroughly wet all surfaces to be cleaned, then remove excess solu- ith a wrung-out applicator. Treated surfaces should remain wet for ten minutes. Gross filth should be removed by scraping or ing before cleaning begins. Discard used solution when it becomes dirty and replace with fresh solution. Powder Keg is a ete product. Do not add other chemicals. Use only as directed.

INE PACKET FOR EACH GALLON OF WARM WATER FOR REGULAR CLEANING. WHEN MAKING SOLUTIONS IN HARD R USE TWO PACKETS PER GALLON OF WATER.

AGE AND DISPOSAL

n a cool dry place. Close this container after each use. Handle packets only with dry hands. ITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty ter.

IDE DISPOSAL: This germicide, its solutions or rinsings from empty containers should be disposed of in a toilet or sevice rved by a sanitary sewer, in a land fill approved for pesticides or buried in a safe place away from water supplies.

INER DISPOSAL: Triple rinse and deposit in a waste container for incineration or burial in a land fill approved for pesticide ers, or bury in a safe place.

IAL: Consult Federal, State or Local disposal authorities for approved alternative procedures such as limited open burning.

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

POWDER KEG 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 non-porous hard surfaces such as floors, walls, woodwork, bathroom fixtures, furniture and equipment. It is intended for use only 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).

* INSERT A
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 ^{Types 1 and 2} Virucidal Qualification Test [Influenza A₂ (Hong Kong), Herpes Simplex, 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).

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



Vestal Laboratories, Inc.
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St. Louis, MO 63110

EPA Est. No. 1043-IL-1 6394 98A-105A

* INSERT A

Broad Spectrum Data: In addition, the following organisms pass the A.O.A.C. use-dilution test in 400 ppm A.O.A.C. hard water at a dilution of 1:256 in the presence of 5% organic soil (serum):

- Acinetobacter calcoaceticus, ATCC 19606
- Candida albicans, Clinical Isolate
- Candida parapsilosis, Clinical Isolate
- Citrobacter freundii, ATCC 8090
- 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 8100
- Shigella flexneri, ATCC 12022
- Shigella sonnei, ATCC 25931
- Staphylococcus aureus, ATCC 25923
- Staphylococcus aureus (MRSA), Multiply (Methicillin)-Resistant, Clinical Isolate
- Staphylococcus epidermidis, ATCC 12228
- Streptococcus faecalis, ATCC 19433
- Streptococcus pyogenes, ATCC 19615

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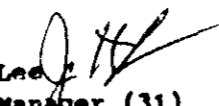
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Enclosure

RD-DIS:JOB:51799:Lee:CBI-E:KENCO:9/30/85:DEL:10/10/85:SONJA

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**V
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ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 03 1985

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

1043-77

NET WEIGHT: 5 pounds 8 ounces (176 half-ounce water soluble packets)

Precautionary Statements

Hazard to Humans and Domestic Animals:

DANGER

DO NOT REMOVE PACKETS BEFORE USE

Irritative. Causes eye and skin damage. Do not get powder in eyes, on skin or on clothing. Harmful if swallowed. Handle only with gloves. Do not open packets; place directly into bucket.

AID: In case of eye contact immediately flush eyes with water for 15 minutes and get medical attention. For skin contact, wash thoroughly with water. Remove and wash contaminated clothing before reuse. If swallowed, drink a large quantity of milk, water, white gruel, gelatin solution or water. Avoid alcohol. Do not induce vomiting. Call physician immediately. **NOTE TO PHYSICIAN:** Possible mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

DIRECTIONS FOR USE

Do not violate 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 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 filth should be removed by scraping or scrubbing before cleaning begins. Discard used solution when it becomes dirty and replace with fresh solution. Powder Keg is a dry powder 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.

STORAGE AND DISPOSAL

Store in a cool dry place. Close this container after each use. Handle packets only with dry hands.

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

ENVIRONMENTAL DISPOSAL: This germicide, its solutions or rinsings from empty containers should be disposed of in a toilet or service sink connected by a sanitary sewer, in a land fill approved for pesticides or buried in a safe place away from water supplies.

FINAL DISPOSAL: Triple rinse and deposit in a waste container for incineration or burial in a land fill approved for pesticides or bury in a safe place.

ADDITIONAL: Consult Federal, State or Local disposal authorities for approved alternative procedures such as limited open burning.

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

POWDER KEG is a concentrated phosphate-free germicidal detergent measured 1/2 ounce soluble packets in one packet per gallon of warm water. It cleans and deodorizes while disinfecting.

It is designed for the cleaning of porous hard surfaces such as floors, fixtures, furniture and equipment. It is suitable for use in institutions such as hospitals, nurseries, plants, medical and dental offices, schools and homes. It may be used for the cleaning of steel, chrome, glass, porcelain, tile, masonry, asphalt or rubber flooring, as well as varnished surfaces.

GERMICIDAL: Passes A.O.A.C. Germicidal tests for *Staphylococcus aureus*, *S. choleraesuis*, *Ps. aeruginosa* and 5% organic soil (serum) at 20°C, 1:2 dilution (water).

* INSERT A
FUNGICIDAL: Passes A.O.A.C. Fungicidal tests at 1:256 dilution, 10 minutes, in the presence of organic soil at 20°C (1:128 in 400 ppm hard water).

VIRUCIDAL: Passes (Types 1 and 2) Virucidal Quality Control tests (Poliovirus, Herpes Simplex, Vaccinia, etc.) 1:2 dilution in the presence of organic soil (hard water).

ODOR-COUNTERACTANT: POWDER KEG kills odor-causing bacteria three ways by killing odor-causing bacteria, destroying odor residues, and with fine detergent action.

Vestal®

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St. Louis, MO 63110