

Central Chemical Company, Inc.
3130 Brinkerhoff Road
P.O. Box 15276
Kansas City, KS 66115

JUL 4 1986

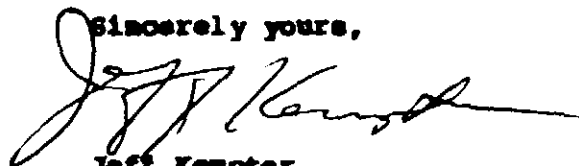
Gentlemen:

Subject: Pheno-Cen
EPA Registration No. 211-25
Your Resubmission Dated January 24, 1986

The labeling submitted for the product listed above has been reviewed and the results of the reviews are as follows:

1. We have no objection to the use of this product as a general disinfectant on hard inanimate surfaces in mushroom farm premises at the recommended dilutions.
2. We do object to the claims for pyemotid mites (for which the literature indicates only specific acaricides are effective) and for the larvae of mushroom flies. You must submit at least a residual test as in Section 163.95-11(c)(2)(ii)(A) and (B) of the Guidelines and use mushroom fly (Phyridae or Sciaridae) larvae and pyemotid mites as test species.

Sincerely yours,



Jeff Kempter
Acting Product Manager (32)
Disinfectants Branch
Registration Division (TS-767C)

92888:Jenkins:C-7:KENCO:6/24/86:7/2/86:DAA:LMF

CONCURRENCES

SYMBOL	TS-7676							
SURNAME	Jankin							
DATE	7-3-86							

Pheno-Cen

HOSPITAL GERMICIDAL DETERGENT
WITH ORGANIC SOIL TOLERANCE

TUBERCULOCIDAL - PSEUDOMONACIDAL
GERMICIDAL - FUNGICIDAL

AGRICULTURAL PREMISE DISINFECTANT - VIRUCIDE* - FUNGICIDE
Germicidal/Detergent With Organic Soil Tolerance
Formulated for Effective
POULTRY & SWINE PREMISE SANITATION

Pheno-Cen is a highly concentrated germicidal detergent formulated for use where broad spectrum disinfection is required in the presence of moderate amounts of organic soil.

Active Ingredients	
Potassium ortho benzyl para-chlorophenate	8.03%
Potassium ortho phenylphenate	6.28%
Potassium para tertiary-amyphenate	4.30%
Inert Ingredients	81.39%

ACCEPTED
with COMMENTS
in EPA Letter Dated

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JUL 7 1986

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

211-25

Keep Out of Reach of Children

DANGER

See statement of practical treatment and other
precautions on right panel

CENTRAL CHEMICAL CO. INC.

Manufacturers of Chemical Specialties Since 1925

3130 BRINKERHOFF ROAD • KANSAS CITY, KANSAS 66115

EPA EST. NO. 211-KS1

EPA REG. NO. 211-25

NET CONTENTS GAL

LEFT PANEL

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Directions for Use

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

*Pheno-Cen is a phosphate free, concentrated, hospital grade germicidal-detergent effective in the presence of 5% blood serum, used to simulate organic soil. Pheno-Cen's multi synthetic phenolic formula is designed to clean, disinfect, and deodorize any washable inanimate non porous surface in one easy step. When used as directed, Pheno-Cen is strong enough to kill a broad spectrum of pathogenic bacteria, yet it is mild enough to be harmless to the surface being disinfected.

Pheno Cen is recommended for use by hospitals, nursing homes and any health care institutions that are dedicated to controlling the hazards of cross contamination in their establishments. For use on any hard, inanimate surface in patient rooms, restrooms, halls and public areas on carts, bed frames, walls, floors, stainless steel, porcelain, glass and chrome.

DISINFECTION

For broad spectrum disinfection of gram negative and gram positive bacteria, including *pseudomonas aeruginosa* and *mycobacterium tuberculosis*, add 1/2 ounce Pheno-Cen to the gallon of water. Apply solution with mop, cloth, sponge, or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes and then let air dry. If higher detergency is desired, increase dilution to 1 to 2 ounces per gallon of water. Prepare a fresh solution for each use. For heavily soiled areas, a pre cleaning step is required and recommended.

At 1/2 ounce to the gallon of water Pheno Cen is also effective against *Trichophyton mentagrophytes* (the athlete's foot fungus) when used on hard surface in areas such as locker rooms, shower and bath areas, exercise areas, dressing rooms, etc.

DIRECTIONS FOR USE

4 3 6

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

SITE PREPARATION

The first step in any on-going sanitation program should be the removal of gross contamination and debris. This may be accomplished using a shovel, broom, or vacuum depending on the area to be disinfected. The efficacy of even the most efficient germicidal cleaners is reduced in the presence of heavy organic matter. Once the heavy debris is eliminated, disinfection can be accomplished in a single step.

CLEANING AND DISINFECTION

For all general cleaning and disinfection, use 1/2 OUNCE of PHENO-CEN per gallon of water (1:256 solution). Apply PHENO-CEN using a cloth, mop, or pressure sprayer so as to thoroughly wet surface to be disinfected. Allow to remain wet for 10 minutes and then let air dry. For heavily soiled areas, the pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

General Disinfection: Disinfecting hog houses, farrowing houses, finishing houses, crowers, feeders and other equipment; horse stables and sick pens at race tracks or sale barns, hospital pens, calf pens, equipment and as a sanitizer for shoe baths. Disinfecting houses used for poultry, turkeys, ducks and game birds and for equipment used in brooding, growing and laying quarters. Disinfecting dog and cat kennels as well as laboratory animal facilities, veterinary hospitals, research laboratories and medical institutions. Spraying cattle pens, chutes, feeders, troughs, trucks and animal manure pits for the control of odor and ammonia. Dressing Plant Use: Disinfecting dressing plant walls and floors in poultry and animal dressing plants. Equipment and utensils must be thoroughly scrubbed with soap or detergent and rinsed with potable water before operations are resumed. Disinfect stall rooms, exterior walls, loading platforms of dressing plants.

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JUL 7 1986

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APPLICATION AND USE DILUTIONS

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the purpose of registration under FFA Reg. No. 225-5

POULTRY HOUSES: 1. Remove all poultry and feeds from premises, trucks, coops, and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with compatible soap or detergent and water. 2. Use 1/2 OUNCE of PHENO-CEN per gallon of water (1:256 dilution). Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes. Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

FARM PREMISE: 1. Do not use in milking stalls, milking parlors, or milk houses. (Phenolics, cresylic acid, and disinfectants should not be used in dairy facilities). Remove all animals and feed from premises, vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with PHENO-CEN detergent and rinse with water. 2. Use 1/2 OUNCE of PHENO-CEN per gallon of water (1 part PHENO-CEN to 256 parts of water). Saturate all surfaces with the recommended solution for a period of 10 minutes. 3. Immerse all equipment in disinfectant solution. Use 25-50 gallons of disinfectant solution per 100 square feet of floor space. Ventilate building and other closed spaces. Do not house live stock or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub treated feeding and watering appliances with soap or detergent and rinse with potable water before reuse.

EQUIPMENT: 1. Empty all troughs, racks, feeding and watering bins, buckets and fountains then clean thoroughly with compatible detergent. Rinse off all detergent with water. 2. Use 1/2 OUNCE of PHENO-CEN per gallon of water (1 part PHENO-CEN to 256 parts of water) to treat all pre-cleaned equipment. Leave all treated surfaces exposed to disinfectant solution for 10 minutes or more. Thoroughly scrub treated feeding and watering appliances with soap or detergent and rinse with potable water before reuse.

VEHICLES: 1. Clean all vehicles including mats, crates, cabs and wheels with high pressure water and PHENO-CEN detergent. 2. Use 1/2 OUNCE of PHENO-CEN per gallon of water (1 part PHENO-CEN to 256 parts of water) to treat all pre-cleaned vehicles. Leave all treated surfaces exposed to disinfectant solution for 10 minutes or more.

HATCHERIES: 1. First clean all surfaces thoroughly with PHENO-CEN detergent and water by scrubbing with brush and high water pressure with emphasis on tracks and building where fungus and mold are usually located. Rinse with water. 2. Use 1/2 OUNCE of PHENO-CEN per gallon of water (1 part PHENO-CEN to 256 parts of water) to treat hatchers, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces. Leave all treated surfaces exposed to disinfectant solution for 10 minutes or more. Thoroughly scrub treated feeding and watering appliances with soap or detergent and rinse with potable water before reuse.

SHOEBATHS SANITIZER: 1. Shuebath containing one inch of freshly made 1:256 solution should be placed at all entrances to buildings and hatcheries. Change the disinfectant solution in the bath daily or when solution appears dirty.

LEFT PANEL

RIGHT PAGE

**Precautionary Statements
Hazards to Humans and Domestic Animals**

DANGER

Keep Out of Reach of Children Corrosive Causes eye and skin damage. Do not get in eyes, on skin, or on clothing Wear goggles or face shield and rubber gloves when handling Harmful or fatal if swallowed Avoid contamination of food

STORAGE AND DISPOSAL

STORAGE

Store in securely closed original container. Store in area that will prevent cross contamination of other pesticides, fertilizer, food and feed. Avoid storage at temperature extremes or in sunlight.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous Improper disposal of excess pesticide, spray or mixture of rinsate is a violation of Federal Law If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance

CONTAINER DISPOSAL

Triple rinse (or equivalent) Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities by burning If burned, stay out of smoke

Do not reuse empty container (bottle, can, bucket) Wrap container and put in trash

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 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

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

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ACCEPTED
WITH COMMENTS
In EPA Letter Page 2

JUL 7 1986

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

411-25

(RIGHT PANEL)

EFFICACY PERFORMANCE

ALL TESTS HAVE BEEN PERFORMED IN THE PRESENCE OF 5% BLOOD SERUM (TO SIMULATE ORGANIC LOAD) AT A 1:256 DILUTION (1/2 OUNCE PER GALLON OF WATER).

GERMICIDAL

PHENO-CEN is effective against the broad spectrum of Gram positive and Gram negative pathogens as confirmed against salmonella choleraesuis, Staphylococcus aureus, and Pseudomonas aeruginosa by the ADAC Use Dilution Confirmation test.

FUNGICIDAL

PHENO-CEN's fungicidal efficacy has been confirmed through testing using the ADAC Fungicidal Test against the pathogenic fungi, Trichophyton mentagrophytes.

VIRUCIDAL

Virucidal testing using prescribed E.P.A. testing procedures has verified PHENO-CEN's effectiveness against many zoonotic viruses commonly associated with poultry and swine areas including:

- | | |
|--|-------------------------------|
| Avian Herpes Virus 2 (Marek's Disease) | Avian Bronchitis Virus |
| Hog Cholera Virus | Avian Laryngotracheitis Virus |

POULTRY AND ANIMAL INDUSTRY USE

For Cleaning and Disinfection of:

EQUIPMENT including feeders, waterers, fans, racks, troughs, bins and buckets.

VEHICLES including live haul poultry delivery trucks, feed trucks, service person cars, tractors and all other vehicles.

HATCHERIES including floors, walls, equipment, incubators, hatchers, trays and buggies.

As a Sanitizer for:

SHOEBATHS including all entrances to buildings and hatcheries.

ACCEPTED
FOR COMMENTS
In the Letter Book

JUL 7 1986

Under the Federal Insecticide,
Fungicide and Rodenticide Act
and under the pesticide
regulations of EPA Reg. No.

AREAS OF USE

POULTRY PREMISE SANITATION (HATCHERIES)

- | | |
|---------------------|------------------------|
| -Egg Receiving Area | -Tray Dumping Area |
| -Egg Holding Area | -Chick Processing Area |
| -Setter Room | -Chick Holding Room |
| -Hatcher Room | -Chick Loading Area |
| -Hauling Equipment | |

SWINE PREMISE SANITATION

- | | |
|-----------------|--------------------|
| -Farrowing Area | -Waterer & Feeder |
| -Blocks | -Nursery |
| -Creep Area | -Hauling Equipment |

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PHENO-CEN has been tested and approved for use on conductive floors

DILUTION TABLE
(Quantity of PHENO-CEN for 1:256 dilutions)

Quart / 9463 Liter	1 Gal / 3.785 Liters	3 Gal / 11.355 Liters	5 Gal / 18.925 Liters
4 cc	15 cc	45 cc	75 cc
(1/4 oz)	(1/2 oz)	(1 1/2 oz)	(2 1/2 oz)