

FRONT PANEL

Pheno-Cen®

HOSPITAL GERMICIDAL DETERGENT  
WITH ORGANIC SOIL TOLERANCE

TUBERCULOCIDAL - PSEUDOMONACIDAL  
GERMICIDAL - FUNGICIDAL

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.\*

<b>Active Ingredients</b>	
Potassium ortho-benzyl-pa-z-chlorophenate .....	8.03%
Potassium ortho-phenylphenate .....	6.28%
Potassium para-tertiary-amyphenate .....	4.30%
<b>Inert Ingredients</b> .....	81.39%

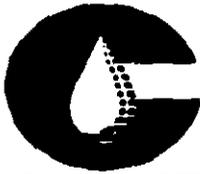
*Contains Sodium Nitrite*  
Keep Out of Reach of Children

**DANGER**

See statement of practical treatment and other precautions on right panel.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 28 1988



**CENTRAL SOLUTIONS, INC.**

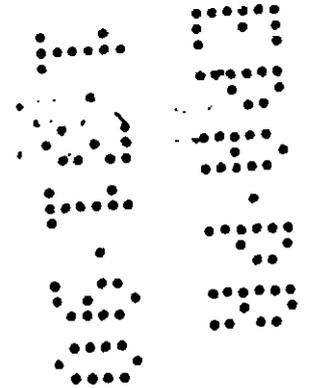
3130 BRINKERHOFF RD.  
P.O. BOX 15276  
KANSAS CITY, KANSAS 66115

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended in the year 1972  
registered under EPA Reg. No.

*211-25*

NET CONTENTS      GALLON

Not Reviewed. Registrant claims to be in accordance with  
Reregistration of Pesticide Product Guidance for Phase 2  
Response, Page 2.12, Action to be taken Change in Status.



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# RIGHT PANEL

## PRECAUTIONARY STATEMENTS Hazardous to Humans and Domestic Animals **DANGER**

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

### 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, or water. Do not induce vomiting if these are not available, drink large quantities of water. Call a physician.

### NOTE TO PHYSICIAN

Probable 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.

**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 is in 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.

EPA EST. NO. 211-K81

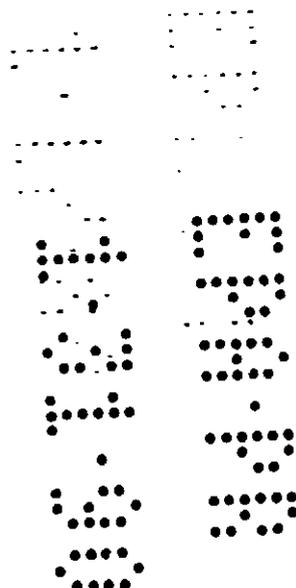
EPA REG. NO. 211-25

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 28 1989

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

211-25



Pheno-Con ~~MUSHROOM-FARM-DISINFESTANT~~

*left/right panel*

**GERMICIDAL-RETARDANT WITH ORGANIC SOIL TOLERANCE  
FORMULATED FOR MUSHROOM FARM SANITATION**

*3 of 8*

Pheno-Con ~~MUSHROOM-FARM-DISINFESTANT~~ effectively  
Kills fungi, bacteria and nematodes which prove dangerous to mushroom crops.

**DO NOT APPLY TO MUSHROOM CROP. DO NOT APPLY TO COMPOST OR CASING.  
\*USE ONLY AS DIRECTED\***

**EFFICACY PERFORMANCE**

All tests have been performed in the presence of 3% blood serum (to simulate organic load) at a 1:256 dilution (ONE-HALF ounce per gallon water).

**GERMICIDAL**

Pheno-Con ~~MUSHROOM-FARM-DISINFESTANT~~ has been tested and found effective against bacteria detrimental to the mushroom crop including:

*Pseudomonas fluorescens* (Biotype B)...Bacterial Blotch Disease

*Pseudomonas aeruginosa*.....Mummy Disease

In addition, Pheno-Con ~~MUSHROOM-FARM-DISINFESTANT~~ 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 AORC Use Dilution Confirmation Test in the presence of 3% organic soil load.

**FUNGICIDAL**

Fungi specific to the mushroom industry which Pheno-Con ~~MUSHROOM-FARM-DISINFESTANT~~ has been tested against and found effective include:

*Verticillium fungicola*..(Verticillium disease, Brown spot or Fungus spot)

*Mycogone serviclosa*.....(Mycogone disease or Wet bubble)

*Tricoderma viride*.....(Tricoderma spot, Tricoderma blotch  
Tricoderma mildew, Green mold)

*Dactylium dendroides*....(Mycoscyces mildew, Cobweb,

Pheno-Con ~~MUSHROOM-FARM-DISINFESTANT~~'s fungicidal efficacy has also been confirmed through testing using the AORC Fungicidal Test against the pathogenic fungi *Trichochyton menthaerochytes*.

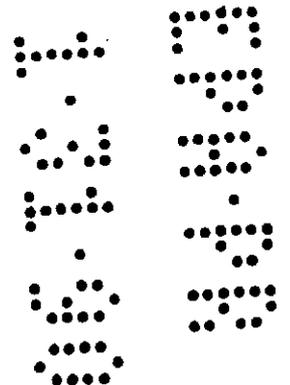
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SEP 28 1988

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Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under FIFRA...

*211-25*



~~MUSHROOM-FARM-DISINFECTANT~~ is strong enough to kill a broad spectrum of mushroom pests, yet mild enough to have no harmful effects on the surfaces being treated when used as directed.

*Microbial*

**Areas of Use**

Pheno-Can ~~MUSHROOM-FARM-DISINFECTANT~~ has been designed for use between crops on surfaces that do not come in contact with the crop. Areas of intended use include tools, breezeways and track alleys before seeding, inside and outside walls of mushroom houses, lofts, floors, storage sheds, seeding machines, tampers and casing rings.

**DIRECTIONS FOR USE**

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 disinfested. The efficacy of even the most efficient germicidal cleaners is reduced in the presence of heavy organic matter.

**CLEANING AND DISINFECTION**

For all general cleaning and disinfection, use ONE-HALF ounce of Pheno-Can ~~MUSHROOM-FARM-DISINFECTANT~~ per gallon of water (1:256 dilution). Apply Pheno-Can ~~MUSHROOM-FARM-DISINFECTANT~~ as a spray, wetting surfaces thoroughly. Treated surfaces should be allowed to remain wet for 10 minutes and let air dry. For heavily soiled areas, a pre-cleaning step is required and recommended. Prepare a fresh solution for each use. When greater detergent action is desired, dilute Pheno-Can ~~MUSHROOM-FARM-DISINFECTANT~~ two ounces of concentrate to each gallon of water. Heavily soiled areas may require repeated cleaning before treatment.

Apply Pheno-Can ~~MUSHROOM-FARM-DISINFECTANT~~ only on surfaces that DO NOT come in contact with the crop. USE AS A PREMISES SPRAY, DO NOT APPLY TO THE CROP, COMPOST, OR CASING. Rinse treated surfaces with potable water before they contact the crop, compost or casing.

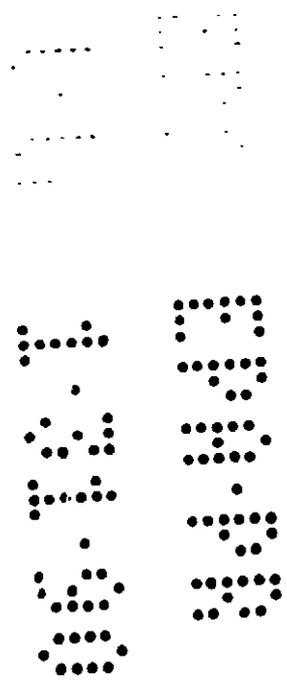
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in EPA Letter Dated:

SEP 28 1988

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, this product is  
registered under EPA Reg. No.

211-25

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

Pheno-Cam is a phosphate free, concentrated, hospital grade germicidal-detergent effective in the presence of moderate amounts of organic soil. Pheno-Cam's four-chain esterary based formula is designed to clean, disinfect, and deodorize any washable inanimate non-corrosive surface in one easy step. When used as directed, Pheno-Cam is strong enough to kill a broad spectrum of pathogenic bacteria, yet is harmless to the surface being disinfected.

#### DIRECTIONS FOR USE

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 ONE-HALF ounce of Pheno-Cam per gallon of water (1:256 solution). Apply Pheno-Cam solution 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 precleaning step is required. Prepare a fresh solution for each use.

#### EFFICACY PERFORMANCE

The broad spectrum efficacy of Pheno-Cam has been confirmed using A.O.A.C. protocol testing, as is required by the EPA, at a use-dilution of 1:256 in the presence of 5% blood serum (used to simulate organic soil load), at 20 degrees Celsius with an exposure time of 10 minutes.

#### GERMICIDAL

Pheno-Cam 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 AOAC Use Dilution Confirmation test in the presence of 5% organic soil load.

#### FUNGICIDAL

Pheno-Cam's fungicidal efficacy has been confirmed through testing using the AOAC Fungicidal Test against the pathogenic fungi, *Trichophyton mentagrophytes*.

#### VIROCIDAL

Virucidal testing using prescribed E.P.A. testing procedures has verified Pheno-Cam's effectiveness the following viruses commonly associated with poultry and swine areas including:

Avian Influenza Virus	Avian Herpes Virus 2 (Marek's Disease)
Avian Bronchitis Virus	Avian Laryngotracheitis Virus
Hog Cholera Virus	Pseudorabies Virus

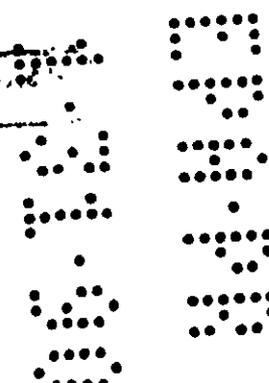
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with COMMENTS  
in EPA Letter Dated:

SEP 28 1969

Under the Federal Insecticide,  
Fungicide, and Disinfectant Act  
as amended, this product is  
registered with the EPA.

211-25

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**AREAS OF USE**

**POLTRY PREMISE SANITATION (HATCHERIES)**

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

*left/right panel*

*6 3 8*

**APPLICATION AND USE DILUTIONS**

**POLTRY HOUSES:**

1. Remove all poultry and feeds from crates, troughs, coops, and crates. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry. Empty all troughs, racks, and other feeding and watering appliances.
2. Use ONE-HALF ounce of Pheno-Cen per gallon of water. 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.

**HATCHERIES:**

1. Use ONE-HALF ounce of Pheno-Cen per gallon of water to treat hatcher, setters, trays, racks, carts, sawing tables, delivery trucks and other hard surfaces. Leave all treated surfaces exposed to disinfectant solution for 10 minutes or more.

**EQUIPMENT:**

1. Empty all troughs, racks, feeding and watering bins, buckets and fountains.
2. Use ONE-HALF ounce of Pheno-Cen per gallon of water to treat all equipment. Leave all treated surfaces exposed to disinfectant solution for 10 minutes or more.

**VEHICLES:**

1. Clean all vehicles including mats, crates, cabs and wheels with high pressure water and Pheno-Cen disinfectant. Use ONE-HALF ounce per gallon of water to treat all vehicles. Leave all treated surfaces exposed to disinfectant solution for 10 minutes or more.

**SHOWERBATHS:**

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

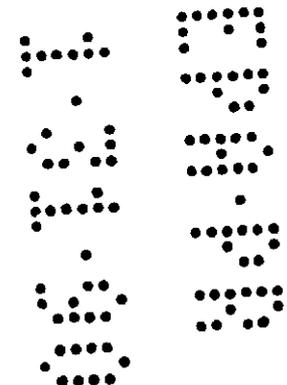
ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 28 1989

Under the Federal Insecticide,  
Fungicide, and Herbicide Act  
as amended, and the Pesticide  
regulation under EPA Reg. No.

*211-25*

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*7, 8*

**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, tray and huggies.

**ENTRANCES** including all entrances to buildings and hatcheries.

**AREAS OF USE**

**SWINE SANITATION**

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

~~Footbaths~~

**DIRECTIONS FOR USE**

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

**CLEANING AND DISINFECTION**

For all general cleaning and disinfection, use ONE-HALF oz. of Pheno-Can per gallon of water (1:256 solution). Apply 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. Prepare a fresh solution for each use.

**General Disinfection Uses:** Can be used in the routine Disinfection of hog houses, farrowing houses, finishing houses, growers, feeders and other equipment; horse stables and sick pens at race tracks or sale barns, hospital pens, calf pens equipment and ~~foot-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, at veterinary hospitals, research laboratories and medical institutions. Spraying cattle pens, chutes, loading equipment trucks and animal manure pits for the control of odor and ammonia.

**Dressing Plant Use:**

Disinfect equipment, stalls, walls and floors in poultry and animal dressing plants. Equipment and utensils must be thoroughly rinsed with potable water before operations are resumed. Disinfect offal rooms, exterior walls and loading platforms of dressing plants.

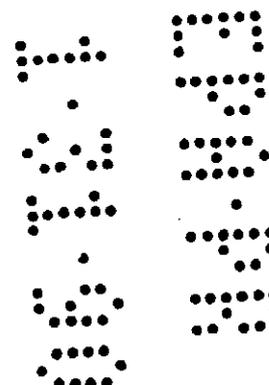
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Fungicide, and Rodenticide Act  
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registered under EPA Reg. No.

*211-25*

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APPLICATION AND USE DILUTIONS

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**FARM PREMISES:** *do not use in milking stalls, milking parlors, or milk houses* 8

1. 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.
2. Use ONE-HALF ounce of Pheno-Can per gallon of water (1 part Pheno-Can to 256 parts of water). Saturate all surfaces with the recommended solution for a period of 10 minutes.
3. Use 25-30 gallons of disinfectant solution per 1000 square feet of floor space. Totally immerse equipment to be treated in disinfectant solution. Ventilate building and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried. Rinse thoroughly with potable water before reuse.

**EQUIPMENT:**

1. Empty all troughs, racks, feeding and watering bins, buckets and fountains.
2. Use ONE-HALF ounce of Pheno-Can per gallon of water (1 part Pheno-Can to 256 parts of water) to saturate all equipment. Leave all treated surfaces exposed to disinfectant solution for 10 minutes or more.

**VEHICLES:**

1. Clean all vehicles including mats, crates, cabs and wheels with high pressure water and Pheno-Can solution.
2. Use ONE-HALF ounce of Pheno-Can per gallon of water (1 part Pheno-Can to 256 parts of water) to treat all vehicles. Leave all treated surfaces exposed to disinfectant solution for 10 minutes or more.

**HATCHERIES:**

1. Treat all surfaces thoroughly with Pheno-Can solution by scrubbing with brush under high water pressure with emphasis on cracks and molding where fungus and mold are usually located.
2. Use ONE-HALF ounce of Pheno-Can per gallon of water (1 part Pheno-Can to 256 parts of water) to treat hatching, 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.

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

**DIRECTIONS FOR USE**

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

Pheno-Can is a phosphate free, concentrated, hospital grade germicidal-detergent effective in 10 minutes at 20 C, in the presence of 5% blood serum, used to simulate organic soil. Pheno-Can'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-Can 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-Can 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-Can to the gallon of water. Remove heavy soil or gross filth then apply solution with a mop, cloth, sponge or mechanical sprayer so as to wet the surface 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.

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

ACCEPTED  
with COMMENTS  
in LCA Letter 10-68

*room floors, bathmats or mats, wrap-ups  
inanimate, environmental surfaces*

SEP 28 1968

Under the Federal Insecticide,  
Fungicide and Rodenticide Act  
as amended, this product is  
registered under the name

*211-25*

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