211-62 01/14/2010 1/14

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION,
PESTICIDES
AND TOXIC SUBSTANCES

JAN 14 2010

Richard Kueser
Regulatory Compliance Director
Central Solutions, Inc.
401 Funston Road
Kansas City, KS 66115

Subject: **Low pH Phenolic 256**
EPA Registration Number: 211-62
Notification Date: December 10, 2009
EPA Receipt Date: December 24, 2009

Dear Mr. Kueser:

This will acknowledge receipt of your notification, submitted under the provisions of PR Notice 95-2 and PR Notice 2007-4.

Proposed Notification:

- Addition of Influenza A virus (H1N1) label claims
- Updating Container Disposal statements

General Comment:

Based on a review of the submitted materials, your notification for both the addition of the influenza A virus (H1N1) label claims and the updating of the Container Disposal statements is acceptable and a part of the records on file.

Should you have any questions concerning this letter, please contact Heather Garvie at (703) 308-0034 or by email address at garvie.heather@epa.gov.

Sincerely,

Jacqueline McFarlane
(Acting) Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510P)

2/14

Please read instructions on reverse before ... Form Approv OMB No. 2070-0060 Print Form

United States
Environmental Protection Agency
Washington, DC 20460

[ ] Registration
[X] Amendment
[ ] Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
211-62	Adam Heyward	[X] None [ ] Restricted
4. Company/Product (Name)	**PM#**	
Low pH Phenolic 256	Team 34	

5. Name and Address of Applicant *(Include ZIP Code)*

Central Solutions, Inc.
401 Funston Road
Kansas City, KS 66115

[X] *Check if this is a new address*

6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:

EPA Reg. No. na

Product Name na

Section - II

- [ ] Amendment - Explain below.
- [ ] Resubmission in response to Agency letter dated _____
- [X] Notification - Explain below.
- [ ] Final printed labels in response to Agency letter dated _____
- [ ] "Me Too" Application.
- [ ] Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Label revisions: Storage and Disposal statement addition in conformance with PR Notice 2007-4, "Pesticide Management and Disposal; Standards for Pesticide Containers and Containment", and label claim for effectiveness against H1N1 Virus in conformance with Guidance notice dated October 22, 2009.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[X] Yes* [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Metal [X] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____
* *Certification must be submitted*	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
[X] Label [ ] Container	4,16,32oz, 1,5,55-GALLON	[X] On Label [ ] On Labeling accompanying product

6. Manner in Which Label is Affixed to Product [ ] Lithograph [X] Paper glued [ ] Stenciled [X] Other silk-screened

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Richard Kueser	Regulatory Compliance Dir	913-621-6542

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature	3. Title
Richard Kueser	Regulatory Compliance Director
4. Typed Name	**5. Date**
Richard Kueser	12-10-09

CENTRAL SOLUTIONS, INC.

913.621.6542
1.800.255.0262
Fax: 913.621.7031
401 Funston Rd.
Kansas City, Kansas 66115

Formulation · Development · Production
www.centralsolutions.com

Subject: Notification Amendment
EPA Registration Number 211-62
Registered Name: Low pH Phenolic 256

Notification of efficacy claim against H1N1 Virus and Storage & Disposal label change per PR Notice 95-2.

This notification is consistent with the provisions of PR Notice 95-2 and EPA regulation at 40 CFR 152.46; and no other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Notification of label change per PR Notice 2007-4.
This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146 and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146 and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Richard Kueser
Regulatory Compliance Director

12-18-09
Date

**Medical Device Uses

(Administrative Note: The following text is required for all labeling, regardless of target market)

Low pH Phenolic 256

Germicidal / Detergent Effective in Hard Water
up to 400 ppm (calculated as $CaCO_3$)
With Organic Soil Tolerance
Tuberculocidal - Germicidal - Pseudomonacidal
Fungicidal - Virucidal* (Kills HIV-1) - Bactericidal

ACTIVE INGREDIENTS:
Ortho-Phenylphenol.....8.085%
Orthobenzyl-Benzyl-para-Chlorophenol.....6.650%
INERT INGREDIENTS.....85.265%

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Keep Out of Reach of Children

DANGER

Central Solutions, Inc.
401 Funston Road
Kansas City, KS 66115

EPA Reg No. 211-62
EPA Est. No. 211-KS-1

NET CONTENTS: X GALLONS

NOTIFICATION
Date Reviewed: 1/14/10 -
Reviewed By: H. Ahmed

(Side Panel)

(Administrative Note: The following text is required for all labeling, regardless of target market)

DANGER

FIRST AID	
If in eyes	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for further treatment advice.
If inhaled	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes • Call a poison control center or doctor for further treatment advice.
If swallowed	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow • Do not induce vomiting unless told to by a Poison Control Center or doctor. • Do not give anything by mouth to an unconscious person
HOTLINE NUMBER **In case of emergency, call your local poison control center or a doctor.** **Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment.**	
NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.	

Product Questions? Call 1-800-255-0262 during normal business hours (8am-5pm, CST)

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Corrosive. Causes irreversible eye damage or skin burns. Harmful if swallowed or absorbed through skin or inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist. Wear goggles or face shield. Wear protective clothing (long-sleeve shirt and long pants, socks, plus shoed and chemical resistant gloves such as water proof gloves). Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Handlers must wear: Coveralls over long-sleeved shirt and long pants; socks and chemical resistant shoes; goggles or face shield and chemical resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or vition). Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY REQUIREMENTS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove PPE immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

(Use Environmental Hazards statement on containers containing ≥ 5 gallons of product):

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. This product is toxic to fish and aquatic organisms.

PHYSICAL AND CHEMICAL HAZARDS

Combustible. Do not use or store the product near heat or open flame.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE - Store in a 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 AND CONTAINER DISPOSAL

All sizes

Nonrefillable container. Do not reuse or refill this container.

Offer for recycling, if available.

or

Offer for reconditioning, if appropriate.

Less than or equal to 5 gallons:

Clean container promptly after emptying.

or

Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Greater than 5 gallons:

Clean container promptly after emptying.

or

Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

(Administrative Note: The following text is required for labeling destined for the human health care and/or institutional markets.)

DIRECTION FOR USE

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

CLEANING AND DISINFECTION

For broad spectrum disinfection of gram negative (as demonstrated by efficacy against Salmonella cholerasuis) and gram positive (as demonstrated by efficacy against Staphylococcus aureus and Pseudomonas aeruginosa) bacteria, add ½ ounce LOW pH PHENOLIC 256 per 1 gallon of water. Remove heavy soil or gross filth then apply solution with a mop, cloth, sponge, or hand-pump trigger sprayer so as to wet surface thoroughly. Allow to remain wet for 10 minutes and then air dry. If higher detergency is desired, increase dilution to 1 ounce per gallon of water.

****Medical Device Uses**
LOW pH PHENOLIC 256 is a general purpose disinfectant that may be used to clean and disinfect hard, non-porous, inanimate, non-critical medical and dental equipment surfaces. LOW pH PHENOLIC 256 may also be used to clean and/or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to predean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

(Administrative Note: The following text is required for labeling on products used to clean and/or disinfect toilet bowls and/or urinals)

To clean and disinfect toilet bowl and urinal surfaces, remove gross soils from surfaces with bowl brush and flush toilet or urinal prior to applying the use solution. Remove residual bowl water from toilet bowl and urinal by forcing water over the trap with a bowl swab . Press bowl swab against side of the bowl or urinal to remove excess water from the applicator. Add ½ ounce of LOW pH PHENOLIC 256 directly into the bowl or urinal trap water. Swab or brush the interior surface of the fixture thoroughly, making sure to get under the rim. For disinfection, allow to stand for 10 minutes then flush. Wipe exterior surfaces with a cloth or sponge.

(Administrative Note: The following text is required for labeling destined for the human health care and/or institutional markets. If the customer desires to delete claims against select, specific organisms, it must do so with the approval of the basic registrant.)

EFFICACY PERFORMANCE

The broad spectrum efficacy of LOW pH PHENOLIC 256 has been confirmed using A.O.A.C. protocol testing at a use-dilution of 1:256 in hard water up to 400 ppm (calculated as CaCO3) in the presence of 5% blood serum (used to simulate organic soil load), at 20°C with an exposure time of 10 minutes.

GERMICIDAL:
LOW pH PHENOLIC 256 is effective against a broad spectrum of Gram positive and Gram negative pathogens as confirmed by the A.O.A.C. Use-Dilution test, in hard water up to 400 ppm (calculated as CaCO3 and in the presence of 5% organic soil load at 20°C with an exposure time of 10 minutes against the following organisms: *Staphylococcus aureus, Escherichia coli, Pseudomonas aeruginosa, Salmonella choleraesuis, Methicillin Resistant Staphylococcus aureus (MRSA)*

FUNGICIDAL:
LOW pH PHENOLIC 256 is effective against the following pathogenic fungi, as confirmed by the A.O.A.C. Use-Dilution test, in hard water up to 400 ppm (calculated as CaCO3), and in the presence of 5% organic soil load at 20°C with an exposure time of 10 minutes, in use areas such as shower room floors, locker room benches, bathmats, or any other hard, nonporous, inanimate environmental surfaces: *Trichophyton mentagrophytes* (the athlete's foot fungus)

TUBERCULOCIDAL:
LOW pH PHENOLIC 256 is effective against *Mycobacterium bovis* (BCG) as demonstrated through testing using the A.O.A.C. Method "Confirmative in Vitro Test for Determining Tuberculocidal Activity", in hard water up to 400 ppm (calculated as CaCO3) and in the presence of 5% organic soil load, at 20°C with an exposure time of 10 minutes.

VIRUCIDAL*
LOW pH PHENOLIC 256 is effective against the following viruses on hard, nonporous, inanimate surfaces, as confirmed by the A.O.A.C. use-dilution test, in hard water up to 400 ppm (calculated as CaCO3) and in the presence of 5% organic soil load, at 20°C with an exposure time of 10 minutes: *HIV-1 (AIDS virus), Vaccina Virus, Herpes Simplex, Type 2, Influenza virus type* A_2

Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by influenza A virus. **Low pH Phenolic 256** is a broad-spectrum hard surface disinfectant that has been shown to be effective against (influenza A virus tested and listed on the label) and is expected to inactivate all influenza A viruses including Pandemic H1N1 (formerly called swine flu).

or

This product has demonstrated effectiveness against influenza A virus and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 influenza A virus.

or

This product has demonstrated effectiveness against (influenza A virus and listed on the label) and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called Swine flu)

or

Kills Pandemic 2009 H1N1 influenza A virus (formerly known as swine flu)

or

Kills Pandemic 2009 H1N1 influenza A virus.

*KILLS HIV-1 ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS 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).
SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS) OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.
PERSONAL PROTECTION: Clean-up should always be done wearing protective latex gloves, gowns, masks, and eye protection.
CLEANING PROCEDURE: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of the disinfectant.
CONTACT TIME: Leave surface wet for 10 minutes with a ½ ounce per gallon use-dilution (1:256), LOW PH PHENOLIC 256 and water
DISPOSAL OF INFECTIOUS MATERIALS: Blood, body fluids, cleaning materials, and clothing should be autoclaved and disposed according to local regulations for infectious waster disposal.

PELIGRO: Si no puede leer en ingles, pregunte a su supervisor sobre las instrucciones do uso apropiadas antes do trabajar con este producto.

(Administrative Note: The following text is optional for labeling destined for the human health care and/or institutional markets)

Formulated for Effective Health Care Facility Sanitation
Formulated for Effective Hospital and Health Care Facility Sanitation
Formulated for Health Care Facilities
Formulated for Hospital and Other Health Care Facilities

LOW pH PHENOLIC 256 is a phosphate free, dilutable, hospital germicidal-detergent effective in 10 minutes at 20° C, in hard water up to 400 ppm (calculated as CaCO3), in the presence of 5% blood serum, used to simulate organic soil. LOW pH PHENOLIC 256's multi-phenolic formula is designed to clean, disinfect, and deodorize any washable, inanimate, non-porous surface in one easy step. When used as directed, LOW pH PHENOLIC 256 is strong enough to kill a broad spectrum of pathogenic bacteria, yet it is mild enough to have no harmful effects on the surface being disinfected, when used as directed.

LOW pH PHENOLIC 256 has been formulated for use on hard, nonporous, inanimate surfaces commonly found in facilities and areas such as: hospitals, nursing homes, other health care institutions, and establishments that are dedicated to controlling the hazards of cross contamination. This product is specifically designed for use in hospitals, hospital emergency departments, ambulance and patient transfer vehicles, police and law enforcement vehicles, prisoner holding areas, offices, funeral homes, restrooms, medical and dental offices, and day care facilities.

LOW pH PHENOLIC 256 is recommended for use on hard, inanimate surfaces such as door handles, medical bed surfaces, springs, wheelchairs, walls, floors, light switches, linen carts, stretcher wheels, hampers, telephones, clean up carts, bassinets, dressing carts, toilet bowl surfaces, urinal surfaces, showers, bathtubs, bed frames, mattress springs, impervious vinyl surfaces, counter tops, table tops, sinks, waste containers, lockers, desks, patient transfer lifts, patient scales, examination tables, dental chairs, medical lamps, stethoscopes, bedpans, blood donor chairs, crutches, instrument trays, operating tables, and other hard, non-porous surfaces that need disinfection.

LOW pH PHENOLIC 256 is a dilutable germicidal detergent formulated for use where broad spectrum disinfection is required in the presence of moderate amounts of organic soil, in hard water up to 400 ppm (calculated as CaCO3).

(Administrative Note: The following text is optional for labeling destined for poultry, cattle, or swine premise use)

Formulated for Effective Poultry Premise Sanitation
Formulated for Effective Swine Premise Sanitation
Formulated for Effective Poultry & Swine Premise Sanitation
Formulated for Effective Farm Premise Sanitation

(Administrative Note: The following text is required for labeling destined for poultry, cattle, or swine premise use)

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 ongoing 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 cleaner 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, thoroghly clean all surfaces with soap and or detergent and rinse with water. Use ½ ounce of LOW pH PHENOLIC 256 per gallon of water (1:256 dilution). Apply LOW pH PHENOLIC 256 using a cloth, mop, or pressure sprayer so as to thoroughly wet surface to be disinfected. Saturate all surfaces with the recommended disinfecting solution, allowing to remain wet for 10 minutes and then let air dry.

EFFICACY PERFORMANCE

The broad spectrum efficacy of LOW pH PHENOLIC 256 has been confirmed using A.O.A.C. protocol testing at a use-dilution of 1:256 in hard water up to 400 ppm (calculated as CaCO3), and in the presence of 5% blood serum (used to simulate organic soil load), at 20°C with an exposure time of 10 minutes.

GERMICIDAL: LOW pH PHENOLIC 256 is effective against the broad spectrum of Gram positive and Gram negative pathogens including: Staphylococcus aureus, Escherichia coli, Pseudomonas aeruginosa, Salmonella puilorum, Salmonella choleraesuis, Salmonella gallinarum, Mycoplasma synoviae, Bordetella avium, Mycoplasma gallisepticum, Pasteurella multocida, Pseudomonas fragi, Mycobacterium tuberculosis

FUNGICIDAL: LOW pH PHENOLIC 256's fungicidal efficacy has been confirmed through testing using the A.O.A.C. Fungicidal Test against the followinig pathogenic fungi: Trichophyton mentagrophytes, Aspergillus fumigates.

***VIRUCIDAL:** Virucidal testing using prescribed EPA testing procedures has verified LOW pH PHENOLIC 256's effectiveness against the following viruses on hard, nonporous, inanimate surfaces, commonly associated with poultry and swine areas including: Avian Influenza Virus, Avian Herpes Virus 2 (Mareks Disease), Avian Bronchitis Virus, Hog Cholera Virus, Avian Laryngotracheitis Virus, Pseudorabies Virus, Avian Adenovirus, African Swine Fever Virus, Avian Reovirus, Infectious Bursal's Disease Virus (IBD)

AREAS OF USE

POULTRY PREMISE SANITATION (HATCHERIES): Egg Receiving Area, Tray Dumping Area, Egg Holding Area, Chick Procession Area, Setter Room, Chick Holding Room or Area, Hatchery Room, Chick Loading Area, Poultry Buildings, Hauling Equipment

APPLICATION AND USE DILUTIONS

CLEANING AND DISINFECTION

Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all surfaces with the recommended disinfectant solution for a period of 10 minutes.

POULTRY HOUSES:

1. Remove all poultry and feeds from premises, trucks, 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. Thoroughly clean all surfaces with soap or detergent and rinse with water.
2. Use ½ ounce of LOW pH PHENOLIC 256 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 ½ ounce of LOW pH PHENOLIC 256 per gallon 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.

EQUIPMENT:

1. Empty all troughs, rack, feeding and watering bins, buckets and fountains.
2. Use ½ ounce of LOW pH PHENOLIC 256 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 LOW pH PHENOLIC 256 disinfectant. Use ½ ounce per gallon of water to treat all vehicles. Leave all treated surfaces exposed to disinfectant solution for 10 minutes or more.

SHOEBATHS:
1. For use in shoebaths: fill shoebath container with LOW pH PHENOLIC 256 diluted at ½ ounce per gallon (1:256). Pre-clean nonporous rubber boots or impervious shoe covers, then expose to the germicidal detergent and allow to remain wet for 10 minutes by air drying.

(Administrative Note: The following text is required for labeling destined for poultry and/or animal premise use)

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 truck, feed trucks, service person cars, tractors, and all other vehicles.
HATCHERIES including floors, walls, equipment, incubators, hatchers, tray and buggies.
SHOEBATH SANITIZERS including all entrances to buildings and hatcheries.

AREAS OF USE

SWINE AND CATTLE SANITATION
Farrowing Barns and Areas, Waterer & Feeder, Blocks, Nursery, Creep Area, Hauling Equipment

MISCELLANEOUS
Horse Stables, Sales Barn Stalls, Dressing Plants, Chutes/Loading Equipment, Sick Pens, Veterinary Hospitals, Cat and Dog Kennels

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 and equipment. Recommended for disinfecting houses used for poultry, turkeys, ducks and game birds and for equipment used in brooding growing and laying quarters. Recommended for disinfecting dog and cat kennels as well as laboratory animal facilities, at veterinary hospitals, research laboratories and medical institutions. Recommended for spraying cattle pens, chutes loading equipment trucks and animal manure pits for the control of odor and ammonia.

DRESSING PLANT USES:
Recommended for disinfecting equipment, utensils, walls and floors in poultry and animal dressing plants. Equipment and utensils must be thoroughly rinsed with potable water before operations are resumed. Recommended for disinfecting offal rooms, exterior walls and loading platforms of dressing plants.

CLEANING AND DISINFECTION

Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all surfaces with the recommended disinfectant solution for a period of 10 minutes.

APPLICATION AND USE DILUTIONS

FARM PREMISE:
DO NOT USE IN MILKING STALLS, MILKING PARLORS OR MILK HOUSES.
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. Thoroughly clean surfaces with soap or detergent and rinse with water.
2. Use ½ ounce of LOW pH PHENOLIC 256 per gallon of water (1 part LOW pH PHENOLIC 256 to 256 parts of water). Saturate all surfaces with the recommended solution for a period of 10 minutes.
3. Use 25-50 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 aired. Thoroughly scrub all treated feed racks, troughs, automatic feeder, fountains, and waterers with soap or detergent and rinse with potable water before reuse.

EQUIPMENT:
1. Empty all troughs, racks, feeding and watering bins, buckets and fountains.

2. Use ½ ounce of LOW pH PHENOLIC 256 per gallon of water (1 part LOW pH PHENOLIC 256 to 256 parts of water) to saturate all equipment. Allow to stand for 10 minutes then let air dry, or flush and wipe exterior surfaces with a cloth or sponge.

VEHICLES:
1. Clean all vehicles including mats, crates, cabs, and wheels with high pressure water and LOW pH PHENOLIC 256 solution.
2. Use ½ ounce of LOW pH PHENOLIC 256 per gallon of water (1 part LOW pH PHENOLIC to 256 parts of water) to treat all vehicles. Allow to stand for 10 minutes then let air dry, or flush and wipe exterior surfaces with a cloth or sponge.

HATCHERIES:
1. In the absence of eggs or chicks, clean all surfaces with soap and detergent, and rinse with potable water. Treat all surfaces thoroughly with LOW pH PHENOLIC 256 solution by scrubbing with brush under high water pressure with emphasis on cracks and moulding where fungus and mold are usually located.
2. Use ½ ounce of LOW pH PHENOLIC 256 per gallon of water (1 part LOW pH PHENOLIC 256 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.
3. Do not introduce eggs or chicks until disinfectant solution has been absorbed or dried.
4. Thoroughly scrub treated surfaces with soap or detergent, and rinse with potable water before reuse.

SHOEBATHS:
1. For use in shoebaths: fill shoebath container with LOW pH PHENOLIC 256 diluted at ½ ounce per gallon (1:256). Pre-clean nonporous rubber boots or impervious shoe covers, then expose to the germicidal detergent and allow to remain wet for 10 minutes by air drying

(Administrative Note: The following text is required for labeling destined for poultry and/or animal premise use)

DIRECTIONS FOR USE

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

SWINE AND POULTRY BUILDINGS, HATCHERIES, DRESSING PLANTS

The first step in any sanitation program should be to remove gross contamination and debris. The efficacy of even the most efficient germicide/cleaner is reduced in the presence of heavy organic matter. Remove all animals, poultry, and feeds from buildings, vehicles and enclosures. Empty all troughs, racks and other feeding and watering equipment. Mix LOW pH PHENOLIC 256 at the rate of ½ ounce per gallon of water (1:256) and saturate all surfaces for 10 minutes. Use 25-50 gallons of disinfectant solution per 1000 square feet of floor space. Ventilate buildings and other closed spaces. Do not house livestock poultry or use equipment until treatment has been absorbed set or dried. Rinse equipment with potable water before reuse. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with water before reuse.

In poultry and animal dressing plants, disinfect equipment, utensils, interior and exterior walls, floors, offal and loading platforms with LOW pH PHENOLIC 256 at the 1:256 dilution rate. Again, equipment and utensils must be thoroughly rinsed with potable water before reuse.

Equipment
Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Mix ½ ounce of LOW pH PHENOLIC 256 disinfectant per gallon of water (1:256) and treat all equipment for 10 minutes or more. Thoroughly scrub treated feeding and watering appliances with soap or detergent and rinse with potable water before reuse. Clean all vehicles including mats, crates, cabs, and wheels with high pressure water and LOW pH PHENOLIC 256 (1:256 dilution). Leave all treated surfaces exposed to disinfectant solution for 10 minutes or more.

(Administrative Note: The following PPE Statement is required for any poultry, swine, or farm premise use with fogging applications)

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Handlers must wear: Coveralls over long-sleeved shirt and long pants; socks and chemical resistant shoes; goggles or face shield and chemical resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or vition). In addition, applicators and other handlers exposed to the fog during fogging applications, and until the fog has dissipated and the enclosed area has been thoroughly ventilated must wear a full-face dust/mist

filtering respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P, or HE prefilter. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

SANITIZING LIVESTOCK BUILDINGS USING FOGGING DEVICES

DO NOT USE IN MILKING STALLS, MILKING PARLORS, OR MILK HOUSES.
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 soap or detergent and rinse with water. Inspect to be sure that all people, poultry, livestock, and pets have left the building. Close all openings; windows, doors, louvers, curtains, etc. Be sure all exhaust fans are turned off. Mix one part LOW pH PHENOLIC 256 with two parts water in the reservoir of the fogger. With the setting on maximum output, fog the treatment into the area to be sanitized. Use a total of 1 gallon of LOW pH PHENOLIC 256 for each 6000-8000 square feet of floor area. In multi-story buildings, the application must be repeated for each floor that is to be sanitized. When fogging is completed, ventilate buildings, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

NOTE: The fog generated is irritating to the eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone within two hours of the actual fogging. If the building must be entered, then the individuals entering the building must wear a self contained respirator approved by NIOSH / MSHA, goggles, long sleeves, and long pants. Fogging is to be used as an adjunct to acceptable manual cleaning and disinfecting of room and machine surfaces.

SANITIZING HATCHERY ROOMS USING FOGGING DEVICES

Remove all animals and feed from premises, vehicles, and enclosures. Remove all litter and manure from floors, walls, and surfaces of the room to be treated. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Close room off so fog is confined to room to be treated. Mix one part LOW pH PHENOLIC 256 to five parts water (½ gallon LOW pH PHENOLIC 256 to 2.5 gallons of water). Insert the nozzle of the fogger through a suitable opening into the room. With the setting in maximum output, fog one minute for each 4000 cubic feet of space in the room. When fogging is completed, ventilate buildings, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

SANITIZING INCUBATORS AND HATCHERS USING FOGGING DEVICES

Mix 6 ounces LOW pH PHENOLIC 256 to 122 ounces water. Fog 3-8 ounces of this into setters and hatchers immediately after transfer. Repeat daily in setters and every 12 hours in hatchers. Discontinue hatcher treatments at least 24 hours prior to pulling the hatch. Do not allow people to contact or breathe this fog and do not enter until the fog has settled (30-60 minutes after fogging is completed). It is acceptable to fog setters and hatchers with a ½ ounce per gallon solutions of LOW pH PHENOLIC 256 on an hourly or every other hour basis. If this is done, fog for 30-90 seconds once per hour or once every two hours. When fogging is completed, ventilate buildings, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

NOTE: The fog generated is irritating to the eyes, skins, and mucous membranes. Under no circumstances should a room or building be entered by anyone within two hours of the actual fogging. If the building must be entered, then the individuals entering the building must wear a self contained respirator approved by NIOSH/MSHA, goggles, long sleeves, and long pants.

Fogging is to be used as an adjunct to acceptable manual cleaning and disinfecting of room and machine surfaces.

(Administrative Note: The following text is optional for labeling destined for the hair salon market)

LOW pH PHENOLIC 256 is recommended for use on brushes, combs, rollers, tweezers, razors, clipper blades, manicure, pedicure, and other salon tools commonly found in beauty salons, barber shops, and hairstyling establishments.

LOW pH PHENOLIC 256 is effective for immersion disinfection of inanimate, non-porous surfaces. Use at a dilution of 1:256 (1/8 ounces of per 32 ounces of water, or 4 ml per liter)

DISINFECTION: Thoroughly clean and rinse instruments before immersion in disinfection solution. Immerse instruments completely for 10 minutes at room temperature (20°C/68°F). After immersion, remove instruments and rinse them thoroughly. Fresh solution should be prepared daily or more often if solution becomes visibly dirty.

CONFIRMATION: When tested with full immersion at room temperature for 10 minutes in a solution created as above, LOW pH PHENOLIC 256 was confirmed effective against Mycobacterium tuberculosis, Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella choleraesuis, Trichophyton mentagrophytes, Staphylococcus aureus (methicillin resistant strain), Escherichia coli, and Herpes simplex type 2 on hard, nonporous surfaces

LOW pH PHENOLIC 256 is a dilutable germicidal detergent formulated to clean, disinfect, and deodorize any washable, inanimate, non-porous instrument or surface in one easy step. When used as directed, it is strong enough to kill a broad spectrum of pathogenic bacteria, yet mild enough to have no harmful effects on the surface being disinfected. LOW pH PHENOLIC 256 inhibits mold and mildew, and has a pleasant lavender fragrance.

LOW pH PHENOLIC 256 is recommended for use on nippers, brushes, combs, rollers, tweezers, razors, clipper blades, manicure, pedicure, and other implements commonly found in salons, including most plastics. When used as directed, this product is formulated to inhibit the development of rust on stainless steel instruments.

(Administrative Note: The following text is required for labeling destined for pharmaceutical or biotechnology clean room markets. Statements are to be added only to labels of containers destined for those specific markets)

LOW pH PHENOLIC 256 is acceptable for use by pharmaceutical and biotechnology industries; medical device manufacturers; hospitals and any health care institutions that are dedicated to controlling the hazards of cross contamination in their establishments. For use on hard, inanimate surfaces in aseptic filling and gowning rooms, general manufacturing areas, or on machinery, tables, counters, laminar flow benches, floors, walls, stainless steel, porcelain, glass, and chrome.

FUNGICIDAL: At ½ ounce per gallon of water, LOW pH PHENOLIC 256 is also effective against *Trichophyton mentagrophytes* pathogenic fungi in use areas as aseptic filling and gowning rooms, and general manufacturing areas or on any other hard, non-porous, inanimate environmental surfaces.

VIRUCIDAL*
LOW pH PHENOLIC 256 is effective against the following viruses as confirmed by the A.O.A.C. use-dilution test, in hard water up to 400 ppm (calculated as CaCO3) and in the presence of 5% organic soil load, at 20°C with an exposure time of 10 minutes: *Canine Parvo Virus, Feline Parvo Virus*

This product is not to be used as a terminal sterilant/high-level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

(Administrative Note: The following text is optional for labeling destined for pharmaceutical or biotechnology clean room markets. Statements are to be added only to labels of containers destined for those specific markets)

Formulated for Effective Instrument Cleaning and Decontamination Sanitation
Formulated for Effective Aseptic Controlled Environment ("Clean Room") Sanitation

(Administrative Note: The following text is optional for the center panel on labeling destined for pharmaceutical or biotechnology clean room markets. Statements are to be added only to labels of containers destined for those specific markets)

Product and container sterilized and distributed by _____.

Sterile pharmaceutical clean room formula.