

OCT 14 2006

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460United States
Environmental Protection
AgencyOffice of Pesticide Programs

Maureen Miksztal
The Dow Chemical Company
1803 Building
Midland, Mi 48674

Subject: UCARSAN Sanitizer 420
EPA Registration No. 464-689

UCARSAN 4128 Sanitizer
EPA Registration No. 464-696 ✓

Application Dated April 7, 2006 and
July 12, 2006

Dear Ms. Miksztal:

The following amendment, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments/conditions listed below:

- To Add Several Additional Organisms

Conditions

1. The efficacy Data submitted to support the proposed label claims that the above product, is an effective sanitizer for use on non-food contact surfaces against "Foot and Mouth Disease virus for a contact time of 10 minutes at a dilution of 0.1 to 0.25% active is not acceptable. Label claims referencing Foot and Mouth Disease virus must be removed from the proposed label until the identified deficiencies are addressed. (See attached copy of the efficacy review)

2. Data submitted to support the proposed label claims that the above product, is an effective sanitizer for use on non-food contact surfaces against Porcine circovirus for a contact time of 15-30 minutes at a dilution of 0.1 to 0.25% active, do not fully support this claim. A 0.1% active solution of the product is effective against Porcine circovirus for a contact time of 30 minutes; and a 0.25% active solution of the product is effective against this virus for a contact time of 15 minutes. [However, a 0.1% active solution is not effective for a contact time of 15 minutes]. The contact time against Porcine circovirus should be revised to 30 minutes, which will address the entire 0.1-0.25% active dilution range.

3. The following changes must be made to the proposed label:

- Under the "Product Dilution" section, change "Corona virus" to read "Coronavirus" and change "Circo Virus to read "circovirus".
- Although the proposed label list materials that are compatible and incompatible with the product under the "Storage and handling" section of the label, the label does not list the types of surfaces (e.g., glass, painted wood, stainless steel) on which the product is recommended for use. DIS/TSS-15 requires that this information be included on the product label; This information is not optional.
- Add a new "step 1" under the "Directions for Use" section that reads: "Remove filth and soil deposits from surfaces prior to treatment." "Pre-clean surfaces with a suitable detergent and rinse with water." This revision is necessary because surfaces must be preclean prior to using the product. Efficacy testing was not always conducted in the presence of light/moderate soil loads.
- Under "step 2" of the "Directions for Use" section, change "lease" to read "least".
- Under the "Farm Equipment and Animal Housing Buildings" section, revise "step 4" to read:" "Allow to stand for at least 5 minutes, or for a longer time depending on the organisms being treated. (See Product Dilution, above.)"
- Under the "Hatchers, Setters, and Chick Processing Facilities" section, revise the second to last sentence in "step 1" to read: "Allow to stand for at least 5 minutes, or for a longer time depending on the organisms being treated. (See Product Dilution, above.)"
- Under the "Trays, Racks, Carts..." section and the "Trucks and Other Vehicles" section, revise the directions to include a contact time.

- Under the "Sanitizing Non-Food Contact Surfaces, Industrial Equipment and Buildings" section, revise the second to last sentence to read: "Allow to stand for at least 5 minutes, or for a longer time depending on the organisms being treated. (See Product Dilution, above.)"
- Per DIS/TSS-18, (Label Requirements for Farm Premise Disinfectants), item #7 states to "Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure." This statement should be included in the use directions; it is not be revised or omitted.

Acceptable Data

1. The submitted efficacy data support the use of the above product, as a disinfectant with virucidal activity against the following microorganisms on hard, non-porous surfaces in the presence of a 5% organic soil load and 1200 ppm hard water for a contact time of 5 minutes at 0.05 to 0.1% active:

Avian Influenza (H5N1) virus	MRID No. 468145-05
SARS-associated Coronavirus	MRID No. 468145-03

2. The submitted efficacy data (MRID No. 468145-04) support the use of the above product, as a disinfectant with virucidal activity against Porcine circovirus on hard, non-porous surfaces in the presence of a 5% organic soil load and 1200 ppm hard water for a contact times and dilutions listed below:

- 2500 ppm (0.25% active) at 15 minutes
- 1000 ppm (0.1% active) at 30 minutes

Recoverable virus titers of a least 10 were achieved.

3. The submitted efficacy data support the use of the product, UCARSAN Sanitizer 4128 (a comparable formulation to the product, UCARSAN Sanitizer 420, when diluted according to label directions), as a disinfectant with virucidal activity against the following microorganisms on hard, non-porous surfaces in the presence of 1200 ppm hard water for a contact time and dilution listed:

(Avian) Infectious bronchitis virus	0.05%	10 minutes
MRID No. 468853-01		

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Avian Influenza (H6N2) MRID No. 468673-03	0.1%	5 minutes
Avian reovirus MRID No. 468673-04	0.05%	10 minutes
Avian rotavirus MRID No. 468673-04	0.05%	10 minutes
Canine parvovirus MRID No. 468673-04	0.05%	10 minutes
Infectious Bursal disease virus MRID No. 468673-01	0.1%	5 minutes
Newcastle Disease virus MRID No. 468673-02	0.1%	5 minutes
Pseudorabies virus MRID No. 468673-04	0.05%	10 minutes
Transmissible gastroenteritis MRID No. 468673-04	0.05%	10 minutes

General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit two (2) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

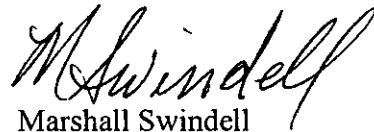
Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) and section 4(a) when the Agency requires all registrants of similar products to submit such data.

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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Should you have any questions or comments concerning this letter, please contact Martha L. Terry at (703) 308-6217.

Sincerely,

A handwritten signature in black ink that reads "M Swindell". The signature is written in a cursive style with a large, stylized initial "M".

Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510C)

Enclosure

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UCARSAN™ 4128 Sanitizer

AN INDUSTRIAL SANITIZER PRODUCT FOR USE IN CONTROLLING CONTAMINATION IN ANIMAL PRODUCTION FACILITIES AND FARM EQUIPMENT, POULTRY & TURKEY HOUSES, SWINE HOUSING AND FARROWING ARENAS, LARGE ANIMAL BUILDINGS, HATCHERS, SETTERS, AND CHICK PROCESSING CAGES AND TRANSPORT VEHICLES, AND HATCHING EGGS AND INDUSTRIAL OR NON-FOOD CONTACT SURFACES; SUCH AS EQUIPMENT, PACKING, OR PACKAGING PRODUCTS, PRODUCT TRANSFER LINES, FLOORS AND WALLS AND FOR USE BY MANUFACTURERS AND FORMULATORS FORMULATING PRODUCTS FOR ANIMAL HOUSING AND INDUSTRIAL APPLICATIONS. FORMULATORS USING THIS PRODUCT ARE RESPONSIBLE FOR OBTAINING DATA FOR THE EPA REGISTRATION OF THEIR FORMULATED PRODUCT.

Active Ingredient: Glutaraldehyde	12.8%
Inert Ingredients:	87.2%
Total	100.0%

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS **DANGER** KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes irreversible eye damage. Causes skin irritation. Harmful if inhaled. Harmful if swallowed. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes asthmatic signs and symptoms in hyper-reactive individuals.

- Do not get in eyes, on skin, on clothing.
- Avoid breathing vapor. Do not swallow.
- Wear goggles, protective clothing, and butyl or nitrile gloves.
- Wash thoroughly with soap and water after handling.
- Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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.

STORAGE AND HANDLING

UCARSAN 4128 Sanitizer is incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. UCARSAN 4128 Sanitizer can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about 27° F (-3° C). Therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage times (up to about 1 month), temperatures of up to 100° F (37.8° C) can be tolerated but the preferred maximum storage temperature is about 80° F (26.7° C).

A stainless steel centrifugal pump is suggested for transfer service. Spiral-wound stainless steel with TEFLON® Polymer is suitable for gaskets and packing.

Handle in a well-ventilated area. If vapors are irritating to the nose or eyes, special ventilation or respiratory protection (MSHA/NIOSH approved air purifying respirator equipped with an organic vapor cartridge) may be required.

LIMITED WARRANTY AND DISCLAIMER

Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

BEFORE HANDLING OR USING THIS PRODUCT, SEE YOUR EMPLOYER AND READ CURRENT MATERIAL SAFETY DATA SHEET.

STORAGE AND DISPOSAL

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or 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 your Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Metal Containers or Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or other procedures approved by state and local authorities. **Plastic Containers:** May be incinerated, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. **Metal Containers:** Must not be incinerated. Do not cut or weld on or near metal containers.

KEEP OUT OF REACH OF CHILDREN **DANGER** FIRST AID

If swallowed:

- Call a poison control center or a doctor immediately for treatment advice.
- DO NOT INDUCE VOMITING.
- Do not give anything to drink.

If in eyes:

- Wash immediately and continuously with flowing water for at least 30 minutes.
- Remove contact lenses after the first 5 minutes and continue washing. Obtain prompt medical consultation, preferably from an ophthalmologist.
- Call a poison control center or a doctor immediately for 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 a doctor for treatment advice.

If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or a doctor for further treatment advice.

NOTE TO PHYSICIAN: Aspiration may cause lung damage. Probable mucous membrane irritation. Do not induce vomiting. Have the MSDS and, if available, the product container or label with you when calling a doctor, or going for treatment.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS



THE DOW CHEMICAL COMPANY
Midland, Michigan 48674 U.S.A.
(989)636-4400
* Trademark of THE DOW CHEMICAL COMPANY

EPA Reg. No. 464-696
EPA Est. No. 10352-WV
(A) 5 gallon pails in pallet
(B) Single 5 gallon pails

Net Contents: 5, or 55 gallons

CONTAINER SIZE 5 GALLONS	CONTAINER SIZE 55 GALLONS
42 POUNDS NET WEIGHT	458 POUNDS NET WEIGHT

IN CASE OF AN EMERGENCY endangering life or property, call collect (989)636-4400.



NOTICE
Do Not Ship or Store with Food,
Feeds, Drugs, or Clothing

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MENTS
ESTIC ANIMALS
F CHILDREN

UCARSAN™ 4128 Sanitizer

DIRECTION
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
SANITIZING NON-FOOD FACILITIES AND ANIMAL HOUSING FACILITIES AND

AN INDUSTRIAL SANITIZER PRODUCT FOR USE IN CONTROLLING MICROBIAL CONTAMINATION IN ANIMAL PRODUCTION FACILITIES AND FARM EQUIPMENT SUCH AS: POULTRY & TURKEY HOUSES, SWINE HOUSING AND FARROWING AREAS, BARN AND LARGE ANIMAL BUILDINGS, HATCHERS, SETTERS, AND CHICK PROCESSING FACILITIES, CAGES AND TRANSPORT VEHICLES, AND HATCHING EGGS AND FOR SANITIZING INDUSTRIAL OR NON-FOOD CONTACT SURFACES; SUCH AS EQUIPMENT FOR MIXING, PACKING, OR PACKAGING PRODUCTS, PRODUCT TRANSFER LINES, STORAGE TANKS, FLOORS AND WALLS AND FOR USE BY MANUFACTURERS AND FORMULATORS IN FORMULATING PRODUCTS FOR ANIMAL HOUSING AND INDUSTRIAL SANITIZING APPLICATIONS. FORMULATORS USING THIS PRODUCT ARE RESPONSIBLE FOR PROVIDING DATA FOR THE EPA REGISTRATION OF THEIR FORMULATED PRODUCT.

Active Ingredient: Glutaraldehyde 12.8%
Inert Ingredients: 87.2%
Total 100.0%

DO NOT USE THIS PRODUCT ON:
Product dilution:
To sanitize vegetative pathogens: *Enterobacter aerogenes, Esc. parasuis, Klebsiella pneumoniae, Mycoplasma synoviae, Pasteurella enteritidis, Salmonella pullorum, Staphylococcus aureus, and St. Avian infectious bronchitis virus, H5N1, Avian laryngotracheitis, Canine parvovirus, Infectious bovine rhinotracheitis virus, Pseudorabies virus, Transmissible Gastroenteritis Virus, Hog Cholera virus, Porcine reproductive and respiratory syndrome virus, SARS Associated Corona Virus, and Porcine Circo Virus and New Cast*

not containing this product in other waters unless in accordance with the Discharge Elimination System has been notified in writing by the appropriate authority. This product is not for use in sewer treatment plant authority. For more information, contact the Regional Office of the EPA.

ING
Commonly used materials of iron, tin, and zinc. UCARSAN 4128 Sanitizer is contained in a red phenolic-lined steel container. This product is for use in a storage tank is inside or outside. If heating is needed, short storage times (up to 30 days) can be tolerated but the temperature should not exceed (26.7° C).
For service. Spiral-wound gaskets and packing.
To the nose or eyes, special first aid approved air purifying equipment may be required.

KEEP OUT OF REACH OF CHILDREN
DANGER
FIRST AID

If swallowed:
• Call a poison control center or a doctor immediately for treatment advice.
• DO NOT INDUCE VOMITING.
• Do not give anything to drink.

If in eyes:
• Wash immediately and continuously with flowing water for at least 30 minutes.
• Remove contact lenses after the first 5 minutes and continue washing. Obtain prompt medical consultation, preferably from an ophthalmologist.
• Call a poison control center or a doctor immediately for 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 a doctor for treatment advice.

If inhaled:
• Move person to fresh air.
• If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible.
• Call a poison control center or a doctor for further treatment advice.

NOTE TO PHYSICIAN: Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage.

Have the MSDS and, if available, the product container or label with you when calling a poison control center or a doctor, or going for treatment.

1. Thoroughly saturate all surfaces with a solution prepared by mixing 0.97 UCARSAN 4128 Sanitizer per gallon containing 0.1 to 0.25% active ingredient.
2. Allow to stand for at least five minutes. For application against *Rotavirus, Avian Reovirus, Avian Rotavirus, Pseudorabies, Transmissible gastroenteritis virus, and Avian infectious bronchitis virus* allow to stand for at least 15-30 minutes.
3. Ventilate thoroughly before re-use.
4. Fresh solution should be prepared and becomes diluted or soiled.


DISCLAIMER
The description as contained on this label when used under conditions of use. THE USER'S SOLE RESPONSIBILITY AND ARE MADE WITHOUT WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PURPOSE AND ANY REPRESENTATIONS AND WARRANTIES.

Farm Equipment and Animal Housing
(poultry & turkey grow-out houses, brooder houses, and housing, barns and lots)
Before applying UCARSAN 4128 Sanitizer to poultry and turkey grow-out houses, brooder houses, and housing, barns and lots, remove all portable equipment and troughs. If not removed, all treated equipment should be thoroughly rinsed with potable water.
2. Remove all litter and manure from brooder houses and housing.
3. Using suitable commercially available sprayers, spray all available surfaces with diluted UCARSAN 4128 Sanitizer (Dilution, above).
4. Allow to stand for at least five minutes.
5. Ventilate enclosed spaces.
6. Do not repopulate with poultry or other animals until treatment has been absorbed completely.

THIS PRODUCT, IS NOT A LEAD CURRENT

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

RESIDUAL
Residue or feed by storage or other means are toxic. Improper use is a violation of Federal regulations. For more information, contact the Regional Office for the EPA.


THE DOW CHEMICAL COMPANY
Midland, Michigan 48674 U.S.A.
(989)636-4400
* Trademark of THE DOW CHEMICAL COMPANY

EPA Reg. No. 464-696
EPA Est. No. 10352-WV-2 (A); 464-WV-1 (B)
(A) 5 gallon pails in pallets; all drums; bulk
(B) Single 5 gallon pails only
L56001 (1 0308)
Made in USA
PE0506

Net Contents: 5, or 55 gallons

CONTAINER SIZE 5 GALLONS	CONTAINER SIZE 55 GALLONS
42 POUNDS NET WEIGHT	458 POUNDS NET WEIGHT

- Hatchers, Setters, and Animal Housing Facilities**
1. General sanitizing of environmental surfaces: remove all animals from the area and other debris. Thoroughly saturate all surfaces with a solution prepared by mixing the appropriate amount (see above) of UCARSAN 4128 Sanitizer for at least five minutes or until completely saturated.
 2. Treatment of air and surfaces after humidity hatching and setters with a solution by mixing the appropriate amount of Sanitizer with water (see Product dilution) and atomize this solution into setters or hatching equipment.
 3. Treatment of air and surfaces after humidity hatching with chilled coil or product using appropriate application equipment.

Plastic Containers: Triple wall construction, or puncture and approved by state and local health department, if allowed by state and local health department. **Metal Containers:** Metal containers.

IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect (989)636-4400.

Use with Food, and other things

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4128 Sanitizer

DIRECTIONS FOR USE

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

SANITIZING NON-FOOD CONTACT SURFACES, FARM, ANIMAL, AND POULTRY HOUSING FACILITIES AND EQUIPMENT

DO NOT USE THIS PRODUCT ON FOOD OR FEED

Product dilution:

To **sanitize vegetative pathogens:** *Clostridium perfringens*, *Enterobacter aerogenes*, *Escherichia coli*, *Haemophilus parasuis*, *Klebsiella pneumoniae*, *Mycoplasma gallisepticum*, *Mycoplasma synoviae*, *Pasteurella multocida*, *Salmonella enteritidis*, *Salmonella pullorum*, *Salmonella typhi*, *Staphylococcus aureus*, and *Streptococcus suis*, and **viruses:** *Avian infectious bronchitis virus*, *Avian influenza (H6N2 and H5N1)*, *Avian laryngotracheitis*, *Avian reovirus*, *Avian rotavirus*, *Canine parvovirus*, *Infectious bursal disease*, *Marek's disease virus*, *Pseudorabies virus*, *Transmissible gastroenteritis virus*, *Hog Cholera virus*, *Porcine reproductive respiratory syndrome*, *SARS Associated Corona Virus*, *Porcine Circovirus*, *Porcine Circo Virus* and *New Castle Disease Virus*.

1. Thoroughly saturate all surfaces using a mop or by spraying with a solution prepared by mixing 0.97 to 2.41 fluid ounces of UCARSAN 4128 Sanitizer per gallon of water to produce a solution containing 0.1 to 0.25% active ingredient.
2. Allow to stand for at least five minutes, or until thoroughly dried. For application against ~~Porcine Reproductive Respiratory Syndrome Virus~~, **Avian Reovirus, Avian Rotavirus, Canine ParvoVirus, Pseudorabies, Transmissible gastroenteritis virus and Avian infectious bronchitis virus** allow to stand for at least 10 minutes. For application against **Porcine Circo Virus (PCV)**, allow to stand for at least 15-30 minutes.
3. Ventilate thoroughly before re-use.
4. Fresh solution should be prepared daily or more often if the solution becomes diluted or soiled.

Farm Equipment and Animal Housing Buildings (poultry & turkey grow-out houses, laying houses, swine production and housing, barns and large animal buildings)

Before applying UCARSAN 4128 Sanitizer:

1. Remove all poultry and other animals and feed from the premises. Remove all portable equipment and empty all feeders and water troughs. If not removed, all treated feeders and waterers must be thoroughly rinsed with potable water prior to re-use.
2. Remove all litter and manure from floors and other surfaces.
3. Using suitable commercially available equipment, saturate all surfaces with diluted UCARSAN 4128 Sanitizer (see Product Dilution, above).
4. Allow to stand for at least five minutes or until dried.
5. Ventilate enclosed spaces.
6. Do not repopulate with poultry or other animals, or use equipment until treatment has been absorbed or dried.

Hatchers, Setters, and Chick Processing Facilities

1. General sanitizing of environmental surfaces prior to introduction of eggs: remove all animals from the area. Clean out feathers, fluff, or other debris. Thoroughly saturate all surfaces with a solution prepared by mixing the appropriate amount (see Product Dilution, above) of UCARSAN 4128 Sanitizer with water. Allow to stand for at least five minutes or until completely dried. Ventilate thoroughly before reuse.
2. Treatment of air and surfaces after introduction of eggs in high humidity hatchers and setters with water spray cooling: prepare a solution by mixing the appropriate amount of UCARSAN 4128 Sanitizer with water (see Product dilution, above). Fog or atomize this solution into setters or hatchers, using appropriate application equipment.
3. Treatment of air and surfaces after introduction of eggs in low humidity hatchers with chilled coil cooling: Fog or atomize this product using appropriate application equipment.

Trays, Racks, Carts, Chick Boxes, Cages, and other Hard Surfaces:

1. Remove all filth and heavy debris from surfaces by scraping or washing.
2. Prepare a solution by mixing the appropriate amount (see Product Dilution, above) of UCARSAN 4128 Sanitizer with water.
3. Apply by spraying or immersion, and allow to drain and air-dry.

Trucks and other Vehicles

1. Remove all filth and heavy debris from surfaces by scraping or washing.
2. Prepare a solution by mixing the appropriate amount (see Product Dilution, above) of UCARSAN 4128 Sanitizer with water.
3. Apply by spraying or immersion, and allow to air-dry.

Egg Sanitization

(for treating hatching eggs only)

Prepare a solution by mixing one fluid ounce of UCARSAN 4128 Sanitizer with one gallon of water. Place in a bath at 105° to 115°F (40° to 45°C). Place freshly laid eggs in plastic trays and dip briefly (10 to 15 seconds), then allow to drain and air-dry.

SANITIZING NON-FOOD CONTACT SURFACES, INDUSTRIAL EQUIPMENT AND BUILDINGS

Before applying UCARSAN 4128 Sanitizer, remove heavy filth and soil deposits from surfaces using a suitable cleaner. Dilute to 0.10% to 0.25% active ingredient by mixing 0.97 to 2.41 fluid ounces of UCARSAN 4128 Sanitizer per gallon of water. Using suitable commercially available equipment, saturate all surfaces with diluted UCARSAN 4128 Sanitizer. Allow to set for at least five minutes or until dried. Ventilate enclosed spaces.

ACCEPTED
with COMMENTS
EPA Letter Dated:

OCT 17 2005

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

464-696

CONTROLLING MICROBIAL GERM EQUIPMENT SUCH AS: MILLING AREAS, BARN AND PROCESSING FACILITIES, AND FOR SANITIZING EQUIPMENT FOR MIXING, LINES, STORAGE TANKS, AND FORMULATORS IN INDUSTRIAL SANITIZING POSSIBLE FOR PROVIDING DUCT.

2.8%
7.2%
1.0%

CHILDREN

3s.
n prompt

respiration,

able mucosal damage may

calling a poison control center

STATEMENTS

464-696
10352-WV-2 (A); 464-WV-1 (B)
ails in pallets; all drums; bulk
allon pails only

L56001 (10306)
Made In USA
PE0506

property involving this