

464-696

8/28/2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 WASHINGTON D.C., 20460

OFFICE OF
 PREVENTION, PESTICIDES AND
 TOXIC SUBSTANCES

The Dow Chemical Company
 171 River Road
 Piscataway, NJ 08854

AUG 28 2007

Attention: Maureen Mikszal
 Regulatory Specialist

Subject: Notification
 UCARSAN™ Sanitizer 4128
 EPA Registration No. 464-696
 Amendment Letter dated July 30, 2007

This will acknowledge receipt of your notification for the aforementioned product label, submitted under the provisions of FIFRA Section 3(c) (9). Based on a review of the submitted material, the following apply:

- Add the text "Produced For"

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.

If you have any questions concerning this letter, please contact Demson Fuller at (703) 308-8062.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Swindell" with a stylized flourish at the end.

Marshall Swindell
 Product Manager (33)
 Regulatory Management Branch 1
 Antimicrobials Division (7510C)

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

| | | |
|--|--|--|
| 1. Company/Product Number 464-696 | 2. EPA Product Manager M. Swindell | 3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) UCARSAN 4128 Sanitizer | PM# 33 | |
| 5. Name and Address of Applicant (Include ZIP Code) The Dow Chemical Company 1803 Building Midland, MI 48674 <input type="checkbox"/> 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. _____ Product Name _____ | |

Section - II

| | |
|--|--|
| <input type="checkbox"/> Amendment - Explain below. | <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application. |
| <input checked="" type="checkbox"/> Notification - Explain below. | <input type="checkbox"/> Other - Explain below. |

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

The Dow Chemical Company is submitting a notification to the label to clarify that Dow is not the producer. The text, "produced for:" has been added to the label. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40CFR 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 18U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under section 12 and 14 of FIFRA.

Section - III

| | | | | | | | |
|---|--|---|-------------------|--|---|--------------------------------|--------------------------------|
| 1. Material This Product Will Be Packaged In: | | | | | | 2. Type of Container | |
| Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | <input checked="" type="checkbox"/> Metal | <input checked="" type="checkbox"/> Plastic | <input type="checkbox"/> Glass | <input type="checkbox"/> Paper |
| * Certification must be submitted | | If "Yes" Unit Packaging wgt. | No. per container | If "Yes" Package wgt | No. per container | Other (Specify) _____ | |
| 3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container | | 4. Size(s) Retail Container 5 and 55 gallon and bulk | | 5. Location of Label Directions <input checked="" type="checkbox"/> | | | |
| 6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled | | | | <input type="checkbox"/> Other _____ | | | |

Section - IV

| | | |
|--|--|--|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | |
| Name Maureen Miksztal | Title Senior Regulatory Specialist | Telephone No. (Include Area Code) 732-563-5586 |
| <p align="center">Certification</p> <p>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.</p> | | 6. Date Application Received (Stamped) |
| 2. Signature | 3. Title Senior Regulatory Specialist | |
| 4. Typed Name Maureen Miksztal | 5. Date 7/30/07 | |



July 30, 2007

The Dow Chemical Company
171 River Road
Piscataway, NJ 08854
USA

Overnight Delivery

Document Processing Desk (NOTIF)
Office of Pesticides Programs (7504P)
Antimicrobials Division
U. S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: UCARSAN™ 4128 Sanitizer, EPA Reg. No. 464-696
Notification of Minor Label Change

Dear Sir/Madam:

Per PR Notice 98-10, The Dow Chemical Company is submitting a notification to the registration for UCARSAN™ 4128 Sanitizer, EPA Reg. No. 464-696. This notification includes a minor change to the UCARSAN™ 4128 Sanitizer, EPA Reg. No. 464-696 labeling. Please find enclosed the following documentation in support of this application:

- Application Form, EPA Form 8570-1
- Draft label with highlighted changes

Please contact me at 732-563-5586 with questions or comments regarding this submission. Thank you for your assistance.

Sincerely,

Maureen Miksztal
Senior Regulatory Specialist

cc: Mr. Marshall Swindell, PM-33

Enclosure

**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.



NOTICE

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

65420-1-7/11/2007-1068

**UCARSAN™ 4128
Sanitizer**

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, SETTLERS, 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%

**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 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.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Produced for:



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

® TM Trademark of The Dow Chemical Company ("Dow"), or an affiliated company of Dow

Made in U.S.A.

EPA Reg. No. 484-656
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

11009
PE3707

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 involving this product, call collect (989)636-4400.

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
UCARSAN 4128 Sanitizer is suitable for use on a wide variety of surfaces including stainless steel, aluminum, painted and unpainted concrete, plastic, glazed and unglazed tile and wood.

Product dilution:

To sanitize vegetative pathogens: Clostridium perfringens, Enterobacter aerogenes, Escherichia coli, Haemophilus parvus, 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 (H2N2 and H5N1), Avian lymphocytic choriomeningitis virus, Avian rotavirus, Canine parvovirus, Infectious bursal disease, Marek's disease virus, Pseudorabies virus, Transmissible gastroenteritis virus, Hog Cholera virus, Porcine reproductive respiratory syndrome (PRRS) Associated Coronavirus, Porcine circovirus and New Castle Disease Virus.

1. Remove filth and soil deposits from surfaces prior to treatment. Pre-clean surfaces with a suitable detergent and rinse with water.
2. 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.
3. Immerse all hatches, 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.
4. Allow to stand for at least five minutes, or until thoroughly dried. For application against Avian Rotavirus, Avian Poliovirus, Canine Parvovirus, Pseudorabies, Transmissible gastroenteritis virus and Avian infectious bronchitis virus allow to stand for at least 30 minutes. For application against Porcine circovirus (PCV), allow to stand for at least 30 minutes.
5. Ventilate thoroughly before reuse.
6. 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 5 minutes, or for longer depending on the organisms being treated. (See Product Dilution, above.)
5. Ventilate enclosed spaces.
6. Do not repopulate with poultry or other animals, or use equipment until treatment has been absorbed or dried.

**Hatchers, Settlers, and Chick Processing
Facilities**

1. General sanitizing of environmental surfaces prior to introduction of eggs: remove all animals from the area. Clean out leathers, 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 5 minutes, or for longer depending on the organisms being treated. (See Product Dilution, above.) Ventilate thoroughly before reuse.
2. Treatment of air and surfaces after introduction of eggs in high humidity hatchers and settlers 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 settlers 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.
4. Allow to stand for at least 5 minutes, or for longer depending on the organisms being treated. (See Product Dilution, above.)

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 stand for at least 5 minutes, or for a longer time depending on the organisms being treated (See Product Dilution, above). Ventilate enclosed spaces.

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