



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 7, 2017

Alexis Chapman
Prod Stew Sr Reg Spec
The Dow chemical Company
1501 Larkin Center Drive
Midland, MI 48674

Subject: Notification per PRN 98-10 – Adding an Optional Statement Qualifier
Product Name: Ucarcide 42 Antimicrobial
EPA Registration Number: 464-702
Application Date: 06/19/2017
Decision Number: 531978

Dear Ms. Chapman:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at heffernan.aline@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Aline Heffernan".

Zeno Bain, Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER
KEEP OUT OF REACH OF CHILDREN**

Corrosive. Causes irreversible eye damage. Causes skin burns. May be fatal if swallowed or absorbed through skin. Harmful if inhaled. 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 a bulky 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 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

UCARCIDE 42 Antimicrobial is incompatible with many commonly used materials of construction such as steel, galvanized steel, aluminum, tin, and zinc. UCARCIDE 42 Antimicrobial can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about 7°F (-14° 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.

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 Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Label option for nonrefillable containers all sizes Nonrefillable container. Do not reuse or refill container. Triple or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Option to use for labels on refillable containers of all sizes Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning of the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean container before final disposal, empty contents into application equipment and triple rinse. Pour or pump rinsate into application equipment or rinsate collection system. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

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

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.

UCARCIDE™ 42 Antimicrobial

A HIGHLY EFFECTIVE MICROBIOCIDIC FOR USE IN CONTROLLING BACTERIA INCLUDING SLIME FORMING BACTERIA AND SULFATE-REDUCING BACTERIA AND FUNGI (YEAST AND MOLDS) AND ALGAE IN AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS, RECIRCULATING COOLING AND PROCESS WATER SYSTEMS INCLUDING THOSE THAT CONTAIN REVERSE OSMOSIS MEMBRANES AND IN SERVICE WATER AND AUXILIARY SYSTEMS AND HEAT TRANSFER SYSTEMS AND IN WASTEWATER SYSTEMS INCLUDING WASTEWATER SLUDGE AND HOLDING TANKS, AND IN PAPER MILLS AND PAPER MILL PROCESS WATER SYSTEMS AND WATER BASED COATINGS FOR PAPER AND PAPERBOARD AND IN OIL WELL DRILLING, OIL FIELD PROCESSING APPLICATIONS, OIL AND GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS, AND GAS STORAGE FIELDS AND EQUIPMENT, SUCH AS, STEAM INJECTION WATER HOLDING TANKS, FLOOD WATER, FRACTURING FLUIDS, INJECTION WATER, HOLDING POND WATER, DISPOSAL-WELL WATER, WATER HOLDING TANKS, FUEL STORAGE TANKS AND RELATED REFINERY AND OIL FIELD CLOSED, INDUSTRIAL RECIRCULATING WATER HANDLING SYSTEMS AND AN INDUSTRIAL SANITIZER 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 THE EPA REGISTRATION OF THEIR FORMULATING PRODUCTS.

Active Ingredient:	Glutaraldehyde	42.5%
	Alkyl (C14 50%, C12 40%, C16 10%)	
	dimethyl benzyl ammonium chloride	7.5%
Inert Ingredients		50.0%
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 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.

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

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

E.P.A. Registration No. 464-702
E.P.A. Est. 10352-WV-002

NOTIFICATION

464-702
The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated: 08/07/2017

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.

**NET CONTENTS: 55 gallons
NET WT: 505 lb / 229 kg**

LOT:

AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS/RECIRCULATING COOLING AND PROCESS WATER SYSTEMS

This product may be used only in industrial air washers and air washer systems which have mist-eliminating components. UCARCIDE 42 Antimicrobial should be added at the application rates described below to a water treatment system at a convenient point of uniform mixing such as the basin area. Addition may be made intermittently (SLUG DOSE) or continuously. Badly fouled systems can be shock treated with UCARCIDE 42 Antimicrobial. Under these conditions, blowdown should be discontinued (up to 24 hours).

UCARCIDE 42 Antimicrobial can be used in industrial process water systems that contain ultra filtration units and non-medical reverse osmosis membranes (where approved for compatibility by the membrane manufacturer) and associated distribution systems.

INTERMITTENT (SLUG DOSE) METHOD
Initial Dose: When the system is noticeably fouled, apply 12.7 to 25.5 fluid ounces of UCARCIDE 42 Antimicrobial per 1,000 gallons of water in the system. Repeat until control is achieved.
Subsequent Dose: When microbial control is evident, add 5.1 to 12.7 fluid ounces of UCARCIDE 42 Antimicrobial per 1,000 gallons of water in the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD
Initial Dose: When the system is noticeably fouled, apply 12.7 to 25.5 fluid ounces of UCARCIDE 42 Antimicrobial per 1,000 gallons of water in the system.
Subsequent Dose: Maintain this treatment level by starting a continuous feed of 2.6 to 12.7 fluid ounces of UCARCIDE 42 Antimicrobial per 1,000 gallons of water in the system per day.

SERVICE WATER AND AUXILIARY SYSTEMS
UCARCIDE 42 Antimicrobial should be used at the same application rates, and in the same manner as described above. It should be added to the system at a point that will allow for uniform mixing throughout the system.

HEAT TRANSFER SYSTEMS
(Evaporative Condensers, Dairy Sweetwater Systems, Hydrostatic Sterilizers And Relators, And Pasteurizers And Warmers)
UCARCIDE 42 Antimicrobial should be used at the same application rates, and in the same manner as described above. It should be added to the system at a point of uniform mixing such as a basin area, sump area, or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

INDUSTRIAL WASTEWATER SYSTEMS
Wastewater Sludge And Wastewater Holding Tanks
UCARCIDE 42 Antimicrobial should be added to a wastewater system or sludge at a convenient point of uniform mixing such as the digester. Add 0.45 to 2.3 gallons (500 to 2,500 ppm) UCARCIDE 42 Antimicrobial per 1,000 gallons of wastewater or sludge.

PAPER MILLS AND PAPER MILL PROCESS WATER SYSTEMS
UCARCIDE 42 Antimicrobial should be added to a point of uniform mixing such as the thin or thick stock chest, save-all tank, process tank or white-water tank.

Initial Dose: When the system is noticeably contaminated, add 0.5 to 3.0 lbs. of UCARCIDE 42 Antimicrobial per ton or 0.15 to 1.0 kg of UCARCIDE 42 Antimicrobial per metric ton of pulp or paper (dry basis) as a continuous or slug dose. Repeat until control is achieved. Heavily fouled systems should be bled out prior to initial treatment.
Subsequent Dose: When microbial control is evident, add 0.2 to 0.20 lbs of UCARCIDE 42 Antimicrobial per ton or 0.15 to 1.0 kg of UCARCIDE 42 Antimicrobial per metric ton of pulp or paper (dry basis) as necessary to maintain control.

WATER BASED COATINGS, PIGMENTS AND FILLER SLURRIES FOR PAPER AND PAPERBOARD.
NOTE: For use in non-food contact coatings only.
Use from 0.1 to 0.5 lbs. of UCARCIDE 42 Antimicrobial per 1,000 lbs. of dry powder to produce a concentration of 100 to 600 ppm as product (based on slurry solids) in the treated slurry.

WATER FLOODS
UCARCIDE 42 Antimicrobial should be added to a water flood system at a point of uniform mixing.
Initial Treatment: When the system is noticeably contaminated, add 100 to 5,000 ppm UCARCIDE 42 Antimicrobial to the system (0.00 to 4.5 gallons UCARCIDE 42 Antimicrobial per 1,000 gallons flood water). Repeat until control is achieved.
Subsequent Dose: When microbial control is evident, add 20 to 5,000 ppm UCARCIDE 42 Antimicrobial (0.02 to 4.5 gallons UCARCIDE 42 Antimicrobial per 1,000 gallons flood water) to the system weekly, or as needed to maintain control.

FRAC FLUIDS
Product not registered for this use in the State of California. **Optional Statement**
UCARCIDE 42 Antimicrobial reduces bacterial contamination and degradation of fracturing fluids and gels used in oil and gas well stimulations. Add UCARCIDE 42 Antimicrobial to the frac water storage tanks or directly into the well head injection pipeline as the water is being pumped down-hole.

DRILLING, COMPLETION, AND WORKOVER FLUIDS
UCARCIDE 42 Antimicrobial should be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.
Initial Treatment: Add 50 to 1,000 ppm UCARCIDE 42 Antimicrobial (0.2 to 3.8 gallons UCARCIDE 42 Antimicrobial per 100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination.
Maintenance Dosage: Maintain a concentration of 50 to 1,000 ppm UCARCIDE 42 Antimicrobial by adding 0.2 to 3.8 gallons of UCARCIDE 42 Antimicrobial per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

PACKER FLUIDS
UCARCIDE 42 Antimicrobial should be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 50 to 800 ppm UCARCIDE 42 Antimicrobial (0.2 to 2.3 gallons UCARCIDE 42 Antimicrobial per 100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination. Seal the treated packer fluid in the well between the casing and production tube.

OIL PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS
Product not registered for this use in the State of California. **Optional Statement**
UCARCIDE 42 Antimicrobial should be added to an oil production or transmission line via direct injection. The application should be conducted to ensure maximum distribution of UCARCIDE 42 Antimicrobial throughout the entire internal pipeline surface by adding a sufficient amount of biocide to detect/measure a residual concentration at the back end of the pipeline system. Criteria for success of the treatment will be a reduction in bacterial counts and/or reduced corrosion rates. To facilitate application, it may be desirable to dilute the UCARCIDE 42 Antimicrobial with an appropriate solvent immediately before use. The concentration in the solvent should not fall below an active concentration range of 500 to 5,000 ppm based on the volume of water in the pipeline. Injections to the system should be weekly, or as needed to maintain control.

GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS
UCARCIDE 42 Antimicrobial should be added to a gas production or transmission pipeline via direct injection. The application should be conducted to ensure maximum distribution of UCARCIDE 42 Antimicrobial throughout the entire internal pipeline surface by adding a sufficient amount of biocide to detect/measure a residual concentration at the back end of the pipeline system. Criteria for success of the treatment will be a reduction in bacterial counts and/or reduced corrosion rates. To facilitate application, it may be desirable to dilute the UCARCIDE 42 Antimicrobial with an appropriate solvent immediately before use. The concentration in the solvent should not fall below an active concentration range of 500 to 5,000 ppm based on the volume of water in the pipeline. Injections to the system should be weekly, or as needed to maintain control.

DIRECTIONS FOR USE

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

GAS STORAGE WELLS AND SYSTEMS
Individual injection wells should be treated with a sufficient quantity of UCARCIDE 42 Antimicrobial to produce a concentration of 500 to 5,000 ppm UCARCIDE 42 Antimicrobial when diluted by the water present in the formation. Injection should take place before gas is injected (during the summer). Injections should be repeated yearly, or as needed to maintain control. Individual dips should be treated with a sufficient quantity of UCARCIDE 42 Antimicrobial to produce a concentration of 200 to 2,000 ppm UCARCIDE 42 Antimicrobial when diluted by the water present in the dip. Injections should be repeated yearly, or as needed to maintain control.

HYDROTESTING
Water used to hydrotest pipelines or vessels should contain 100 to 4,000 ppm UCARCIDE 42 Antimicrobial (0.00 to 3.6 gallons UCARCIDE 42 Antimicrobial per 1,000 gallons water), depending on water quality and length of time the equipment will remain idle.

PIPELINE PIGGING AND SCRAPING OPERATIONS
Add UCARCIDE 42 Antimicrobial to a slug of water immediately following the scraper (ideally this water volume can be kept to a minimum and contained between the scraper and a trailing pig). Sufficient UCARCIDE 42 Antimicrobial should be added to produce a concentration of 0.1 to 1% (0.90 to 9.0 gallons UCARCIDE 42 Antimicrobial per 100 gallons water), depending on the length of the pipeline and the severity of fouling.

SANITIZING NON-FOOD CONTACT SURFACES, FARM, ANIMAL, AND POULTRY HOUSING FACILITIES AND EQUIPMENT.
Product not registered for this use in the State of California.

DO NOT USE THIS PRODUCT ON FOOD OR FEED
UCARCIDE 42 Antimicrobial is suitable for use on a wide variety of surfaces including stainless steel, aluminum, painted concrete, plastic, glazed tile.

- Product Dilution:
1. To sanitize vegetative pathogens (including Klebsiella pneumoniae, Salmonella choleraesuis, Staphylococcus aureus, and Pseudomonas aeruginosa) and viruses (including infectious bursal disease, Avian influenza (H6N2 and H5N1), SARS Associated Coronavirus, Porcine circovirus) and fungus (including Aspergillus fumigatus)
 1. Remove litter 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 0.14 to 0.56 fluid ounce of UCARCIDE 42 Antimicrobial per gallon of water (1.1 to 4.4 milliliters per liter) to produce a solution containing 0.06% to 0.24% active ingredient. For application against Porcine circovirus, mix 0.26 to 0.69 fluid ounce of UCARCIDE 42 Antimicrobial per gallon of water (2.2 to 5.4 milliliters per liter) to produce a solution containing 0.1 to 0.25% active glutaraldehyde ingredient.
 3. Allow to stand for at least 5 minutes, or until thoroughly dried.
 4. Ventilate thoroughly before reuse.
 5. 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 UCARCIDE 42 Antimicrobial:
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. If litter is not removed, allow to stand after treatment with UCARCIDE 42 Antimicrobial for at least ten minutes before repopulation.
 3. Using suitable commercially available equipment, saturate all surfaces with diluted UCARCIDE 42 Antimicrobial. (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.

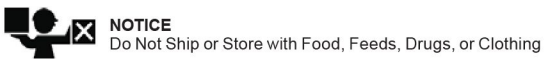
- Hatchers, Setters, and Chick Processing Facilities**
1. General sanitizing of environmental surfaces prior to introduction of eggs: Remove all animals from the area. Clean out leathers, fluff, or other debris. Thoroughly saturate all surfaces with a solution prepared by mixing the appropriate amount (see Product Dilution, above) of UCARCIDE 42 Antimicrobial 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 setters with water spray cooling: Prepare a solution by mixing the appropriate amount of UCARCIDE 42 Antimicrobial 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, Rafts, Carts, Chick Boxes, Cages and Other Hard Surfaces
Remove all insects and heavy debris from surfaces by scraping or washing. Prepare a solution by mixing the appropriate amount (see Product Dilution, above) of UCARCIDE 42 Antimicrobial with water. Apply by spraying or immersion, and allow to drain and air-dry. Allow to stand for at least 5 minutes, or for longer depending on the organisms being treated.

Trucks and other Vehicles
Remove all fluff and heavy debris from surfaces by scraping or washing. Spray surfaces with a solution prepared by mixing the appropriate amount (see Product Dilution, above) of UCARCIDE 42 Antimicrobial with water. Allow to air-dry. Allow to stand for at least 5 minutes, or for longer depending on the organisms being treated.

Egg Sanitization
(for treating hatching eggs only)
Prepare a solution by mixing 0.3 fluid ounces of UCARCIDE 42 Antimicrobial 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
Product not registered for this use in the State of California.
Before applying UCARCIDE 42 Antimicrobial, remove heavy fluff and soil deposits from surfaces using a suitable cleaner. Dilute UCARCIDE 42 Antimicrobial to 0.06% to 0.24% active ingredient by mixing 0.14 to 0.56 fluid ounces of UCARCIDE 42 Antimicrobial per gallon of water (1.1 to 4.4 milliliters per liter). Using suitable commercially available equipment, saturate all surfaces with diluted UCARCIDE 42 Antimicrobial. Allow to set for at least five minutes, or for a longer time depending on the organisms being treated (See Product Dilution, above). Ventilate enclosed spaces.



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