

- 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		

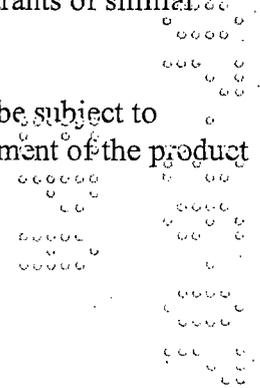
Avian Influenza (H6N2) MRID No. 468673-03	0.1%	5 minutes
Avian reovirus MRID No. 468673-04	0.05%	10 minutes
Avian rotavirus MRID No. 468673-04	0.05%	10 minutes
Canine parvovirus MRID No. 468673-04	0.05%	10 minutes
Infectious Bursal disease virus MRID No. 468673-01	0.1%	5 minutes
Newcastle Disease virus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



**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 skin 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 Sanitizer 420 is incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. UCARSAN Sanitizer 420 can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about 16°F (-9°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 37.8°C can be tolerated but the preferred maximum storage temperature is about (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

85409P-6/8/2006-1068

**UCARSAN™ Sanitizer
420**

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 20%
Inert Ingredients: 80%
Total 100%

**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.

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

Net Contents: 5 or 55 gallons

CONTAINER SIZE	CONTAINER SIZE
5 GALLONS	55 GALLONS
33 POUNDS NET WEIGHT	470 POUNDS NET WEIGHT

EPA Reg. No. 464-689
EPA Est. No. 10352-WV-2 (A); 464-WV-1 (B)
EPA Est. No. 10352-WV-1 (C)
(A) 5 gallon pails in pallets; all drums; bulk
(B) Single 5 gallon pails only.
(C) Bulk Shipments

L55911 (1/0306)
Made In USA
PE0506

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 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 (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*, *Swine Vesicular Disease Virus*, *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 0.61 to 1.5 fluid ounces of UCARSAN Sanitizer 420 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 Vesicular Disease (PVD)~~, *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 Sanitizer 420:

1. Remove all poultry and other animals and feed from the premises. Remove all portable equipment and empty all feeders and waterers 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 Sanitizer 420 (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 Sanitizer 420 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 Sanitizer 420 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.

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