

464-718

6/17/2004

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 17 2004

The Dow Chemical Company  
171 River Road  
Piscataway, N. J. 08854

Attention: Maureen Miksztal  
Senior Regulatory Specialist

Subject: UCARCIDE SB 130 Antimicrobial  
EPA Registration No. 464-718  
Letter Dated March 18, 2004

The amendment, submitted in connection with registration under the FIFRA sec. 3(c)(7)(A), to modify the storage and handling section of the label, to update the identifying statement, and text revision in the direction for use to correct dosing for density of glutaraldehyde, to add paper, metal working and additional water treatment claims. In addition to the label amendment, a 12 month storage stability study, flammability study and oxidation/reduction study, is acceptable, provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec.3(c)(5) and sec. 4 when the Agency requires all registrants of similar products to submit such data.
2. Submit two (2) copies of final printed labeling before you release the product for shipment.

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

A stamped copy of the accepted labeling is enclosed for your records.

General Comments

The submitted data packages (Physical and Chemical Characteristics and Storage Stability and Corrosion Characteristics) under MRID #462318-01 was found to be acceptable to support the above product registration.

CONCURRENCES

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The submitted data packages ( Flammability) under MRID #462318-02 was found to be acceptable to support the above registration.

The submitted data packages (Oxidation/Reduction) under MRID #4623180-03 was found to be acceptable to support the above registration.

A copy of the Product Chemistry Science Review is enclosed for your information.

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

Sincerely



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

Enclosures

# UCARCIDE™ SB 130

ANTIMICROBIAL

A MICROBICIDE FOR USE IN CONTROLLING BACTERIA INCLUDING SULFATE-REDUCING BACTERIA, SLIME-FORMING BACTERIA, FUNGI (YEAST AND MOLD) AND ALGAE IN OIL WELL DRILLING, OIL FIELD PROCESSING APPLICATIONS, OIL FIELD WATER SYSTEMS, GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS, AND GAS STORAGE TANKS AND EQUIPMENT SUCH AS STEAM-INJECTION WATER HOLDING TANKS, INJECTION WATER, COLDING POND WATER, DISPOSAL-WELL WATER, FIELD CLOSING, INDUSTRIAL RECIRCULATING WATER HANDLING SYSTEMS AND AIR WASHERS, AND RECIRCULATING COOLING WATER SYSTEMS. SERVICE WATER AND AUXILIARY SYSTEMS, HEAT TRANSFER SYSTEMS, WASTEWATER SYSTEMS INCLUDING WASTEWATER SLUDGE AND HOLDING TANKS, PAPERMILLS AND PAPERMILL PROCESS WATER SYSTEMS, PIGMENTS AND FILLER SLURRIES FOR PAPER AND PAPERBOARD, WATER BASED COATINGS FOR PAPER AND PAPERBOARD AND IN FUNCTIONAL FLUIDS AND LUBRICANTS AND METAL WORKING FLUIDS AND FOR USE BY MANUFACTURERS AS A PRESERVATIVE IN INDUSTRIAL INSTITUTIONAL, AND CONSUMER PRODUCTS.

Active Ingredient: Glutaraldehyde: 30%  
 Inert Ingredients: 70%  
 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 15 minutes.
- Remove contact lenses after the first 5 minutes and continue washing.
- Obtain prompt medical consultation, preferably from an ophthalmologist.

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. Severe mucous damage may contraindicate the use of gastric lavage.

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

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

EPA Reg. No. 484-718  
EPA Est. No. 71441-OH-001

**THE DOW CHEMICAL COMPANY**  
 Midland, Michigan 48667-1333  
 1-800-258-CHEM  
 \*Trademark of THE DOW CHEMICAL COMPANY

CONTAINER SIZE	SHIPPING NAME	UNCLASIFIED	UNCLASIFIED
5 GALLONS	UNCLASIFIED	UNCLASIFIED	UNCLASIFIED
25 lbs	HAZARD CLASS	UNCLASIFIED	UNCLASIFIED
NET WEIGHT	UNCLASIFIED	UNCLASIFIED	UNCLASIFIED

Net Contents: 25 lbs.

Made in USA (03004) PE03004

IN CASE OF AN EMERGENCY endangering life or property, having this product, call collect 636-4400.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## DANGER

### KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if inhaled. May be fatal 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 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 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

UCARCIDE™ SB 130 Antimicrobial is incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. UCARCIDE™ SB 130 Antimicrobial can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. For short storage times (up to about 1 month), temperatures of up to 100°F (37°C) can be tolerated but the preferred maximum storage temperature is about 60°F (16°C).

Open the container of UCARCIDE™ SB 130 Antimicrobial in a well ventilated area. When opening a container in a confined space where ventilation is not adequate, use a MSHA/NIOSH approved air sampling method to determine the concentration of the chemical. If the concentration is above the label's maximum, and retest the inner plastic seal tightly and ensure the lid of the container is resealed.

#### LIMITED WARRANTY AND DISCLAIMER

Sole warranties that the product conforms to its chemical description as contained on the label and is satisfactory 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 THE SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

#### BEFORE USING THIS PRODUCT, SEE YOUR EMPLOYER AND READ THE 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 residue is a violation of Federal law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or your Environmental Control Agency, or the Hazardous Waste Operations and Emergency Response (HWEP) Division of the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Metal containers: Triple rinse (or equivalent). Then recleanse containers immediately before reuse. Plastic containers: May be recycled, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Metal containers: Must not be re-used. Do not cut or weld on or near metal containers.

#### NOTICE

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

ACCEPTED with COMMENTS in EPA Letter Dated: JUN 17 2014

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 484-718

#### HEAT TRANSFER SYSTEMS

Evaporative Condensers, Dary Systems, and Pasteurizers and Washers and other equipment. UCARCIDE™ SB 130 Antimicrobial is the same manner as described above. Uniform mixing such as a basin area in which the treated water will be circulated.

#### INDUSTRIAL WASTE

Wastewater Systems, Wastewater Treatment Plants, and other equipment. UCARCIDE™ SB 130 Antimicrobial is the same manner as described above. Uniform mixing such as a basin area in which the treated water will be circulated.

#### PAPER MILLS AND PAPER

UCARCIDE™ SB 130 Antimicrobial is the same manner as described above. Uniform mixing such as a basin area in which the treated water will be circulated.

#### PIGMENTS AND FILLER SLURRIES

UCARCIDE™ SB 130 Antimicrobial is the same manner as described above. Uniform mixing such as a basin area in which the treated water will be circulated.

#### WATER BASED COATINGS

UCARCIDE™ SB 130 Antimicrobial is the same manner as described above. Uniform mixing such as a basin area in which the treated water will be circulated.

#### AQUEOUS METALWORK

UCARCIDE™ SB 130 Antimicrobial is the same manner as described above. Uniform mixing such as a basin area in which the treated water will be circulated.

#### WATER BASED CONCRETE

UCARCIDE™ SB 130 Antimicrobial is the same manner as described above. Uniform mixing such as a basin area in which the treated water will be circulated.

#### GENERAL PRESERVATIVE FOR

UCARCIDE™ SB 130 Antimicrobial is the same manner as described above. Uniform mixing such as a basin area in which the treated water will be circulated.

#### REVERSE OSMOSIS

UCARCIDE™ SB 130 Antimicrobial is the same manner as described above. Uniform mixing such as a basin area in which the treated water will be circulated.

#### CONCRETE ADMIXTURE

UCARCIDE™ SB 130 Antimicrobial is the same manner as described above. Uniform mixing such as a basin area in which the treated water will be circulated.

#### DIRECTIONS FOR USE

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

#### WATER FLOODS

UCARCIDE™ SB 130 Antimicrobial should be added to a water flood system at a point of uniform mixing. When the system is noticeably contaminated, add 157 to 633 ppm UCARCIDE™ SB 130 Antimicrobial per 1,000 gallons of water. Repeat until control is achieved. UCARCIDE™ SB 130 Antimicrobial per 1,000 gallons of water. Subsequent Dose: When microbial control is evident, add 33 to 8,330 ppm UCARCIDE™ SB 130 Antimicrobial (0.28 to 69.7 lbs UCARCIDE™ SB 130 Antimicrobial per 1,000 gallons of water) to the system weekly, or as needed to maintain control.

#### DRILLING, COMPLETION, FRACTURING AND WORKOVER FLUIDS

UCARCIDE™ SB 130 Antimicrobial should be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

#### PACKER FLUIDS

UCARCIDE™ SB 130 Antimicrobial should be added to a packer fluid at a point of uniform mixing such as the circulating mud tank. UCARCIDE™ SB 130 Antimicrobial per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

#### GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS

UCARCIDE™ SB 130 Antimicrobial should be added to a gas production or transmission pipeline via direct injection. The application should be conducted to ensure maximum distribution of the UCARCIDE™ SB 130 Antimicrobial through the entire internal surface of the pipeline. To facilitate application, it may be desirable to dissolve or suspend the UCARCIDE™ SB 130 Antimicrobial with an appropriate solvent immediately before use. Injections to the system should be weekly, or as needed, to maintain control.

#### GAS STORAGE WELLS AND SYSTEMS

Individual injection wells should be treated with a sufficient quantity of UCARCIDE™ SB 130 Antimicrobial to provide a concentration of 800 to 6,300 ppm UCARCIDE™ SB 130 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.

#### HYDROTESTING

Water used to hydrotest pipelines or vessels should contain 166 to 6,640 ppm UCARCIDE™ SB 130 Antimicrobial (1.6 to 65 lbs UCARCIDE™ SB 130 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™ SB 130 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™ SB 130 Antimicrobial should be added to produce a concentration of 0.16 to 1.6% (1.39 to 13.9 lb UCARCIDE™ SB 130 Antimicrobial per 100 gallons water), depending on the length of the pipeline and the severity of biofouling.

#### AIR WASHERS AND RECIRCULATING COOLING WATER SYSTEMS

This product may be used only in industrial air washers and air weather systems which have mist-eliminating components.

#### INTERMITTENT (SLUG DOSE) METHOD

Initial Dose: When the system is noticeably fouled, add 166 to 333 ppm UCARCIDE™ SB 130 Antimicrobial to the system (1.4 to 2.8 lbs of UCARCIDE™ SB 130 Antimicrobial per 1,000 gallons of water in the system). Repeat until control is achieved.

#### CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, apply 166 to 333 ppm UCARCIDE™ SB 130 Antimicrobial to the system (1.4 to 2.8 lbs of UCARCIDE™ SB 130 Antimicrobial per 1,000 gallons of water in the system).

#### SERVICE WATER AND AUXILIARY SYSTEMS

UCARCIDE™ SB 130 Antimicrobial should be added to 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.