

464-718

10/01/2003

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510C)  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

464-718

10-01-03

Term of Issuance:  
CONDITIONAL

NOTICE OF PESTICIDE:

Registration  
 Re-registration

Name of Pesticide Product:

(under FIFRA, as amended)

UCARCIDE SB130

Name and Address of Registrant (include ZIP code):

The Dow Chemical Company  
1803 Building  
Midland, MI 48674

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA Section 4, or as required by registration review under FIFRA Section 3(g).

2. Make the following labeling changes:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 464-718".

Signature of Approving Official:

Marshall Swindell, Product Manager, Team 33,  
Regulatory Management Branch I, Antimicrobials Division

Date:

10-01-03

- 3. The Agency require a 12-month Storage Stability and corrosion characteristic study.
- 4. You must submit the following studies six (6) months for the date of this registration  
 OPPTS Test Guidelines 830.6341 (Oxidation/Reduction) and  
 830.6315 (Flammability)
- 5. Submit three copies of a final printed production label.

If these 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 constitutes acceptance of these conditions.

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

If you have any questions concerning this letter, please contact myself at 703-308-6341, or Portia Jenkins at (703) 308-6230.

Sincerely,



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

Enclosure

**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 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**

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 (37.8°C) can be tolerated but the preferred maximum storage temperature is about 80°F (26.7°C).

Open the UCARCIDE™ SB 130 Antimicrobial container in a well ventilated area. When opening a container in a confined space where ventilation is not adequate, use a MSHA/NIOSH approved air purifying respirator equipped with an organic vapor cartridge. Store any unused product in the original container and reseal the inner plastic liner tightly and ensure the lid of the container is resealed.

**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 USING THIS PRODUCT, SEE YOUR EMPLOYER  
AND READ THE MATERIAL SAFETY DATA SHEET.**

**STORAGE AND DISPOSAL**

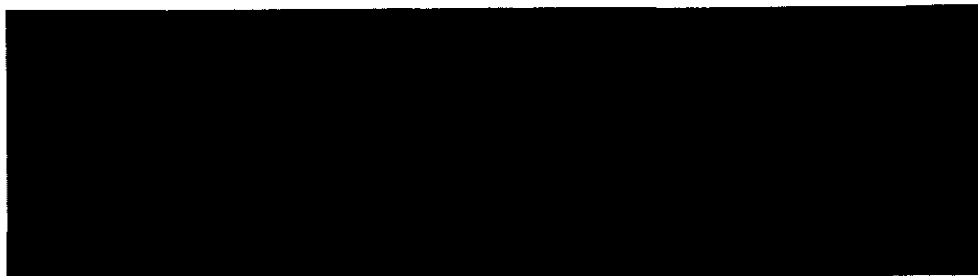
**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label 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



Active Ingredient: Glutaraldehyde \_\_\_\_\_ 30.0%  
Inert Ingredients: \_\_\_\_\_ 70.0%  
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.

**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.  
1-800-258-CHEM

Trademark of THE DOW CHEMICAL COMPANY

Net Contents:

CONTAINER SIZE	CONTAINER SIZE
NET WEIGHT	NET WEIGHT

EPA Reg. No. 464-  
EPA Est. No. 71441-OH-001

Made In USA  
(04/03)  
PE0403

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

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## 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.

**Initial Treatment:** When the system is noticeably contaminated, add 200 to 10,000 ppm UCARCIDE™ SB 130 Antimicrobial to the system (1.85 to 85 lbs. UCARCIDE™ SB 130 Antimicrobial per 1,000 gallons flood water). Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 40 to 10,000 ppm UCARCIDE™ SB 130 Antimicrobial (0.3 to 85 lbs. UCARCIDE™ SB 130 Antimicrobial per 1,000 gallons flood 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.

**Initial Treatment:** Add 100 to 2,000 ppm UCARCIDE™ SB 130 Antimicrobial (3.5 to 70 lbs. UCARCIDE™ SB 130 Antimicrobial per 100 barrels of water) to a freshly prepared fluid depending on the severity of contamination.

**Maintenance Dose:** Maintain a concentration of 100 to 2,000 ppm UCARCIDE™ SB 130 Antimicrobial by adding 3.5 to 70 lbs. of UCARCIDE™ SB 130 Antimicrobial per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

### PACKER FLUIDS

UCARCIDE™ SB 130 Antimicrobial should be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 100 to 1,200 ppm UCARCIDE™ SB 130 Antimicrobial (3.5 to 42 lbs. UCARCIDE™ SB 130 Antimicrobial per 100 barrels of water) 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.

### 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 produce a concentration of 1,000 to 10,000 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.

Individual drips should be treated with a sufficient quantity of UCARCIDE™ SB 130 Antimicrobial to produce a concentration of 400 to 4,000 ppm UCARCIDE™ SB 130 Antimicrobial when diluted by the water present in the drip. Injections should be repeated yearly, or as needed to maintain control.

### HYDROTESTING

Water used to hydrotest pipelines or vessels should contain 200 to 8,000 ppm UCARCIDE™ SB 130 Antimicrobial (1.8 to 85 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 0.2 to 2% (1.8 to 16 lbs. 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 washer systems which have mist-eliminating components.

UCARCIDE™ SB 130 Antimicrobial should be added to a water treatment system at a 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™ SB 130 Antimicrobial. Under these conditions, blowdown should be discontinued for up to 24 hours.

#### INTERMITTENT (SLUG DOSE) 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). Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 50 to 166 ppm UCARCIDE™ SB 130 Antimicrobial to the system weekly (0.5-1.4 pounds of UCARCIDE™ SB 130 Antimicrobial per 1,000 gallons of water in the system) 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 166 to 333 ppm UCARCIDE™ SB 130 Antimicrobial to the system (1.4-2.8 lbs of UCARCIDE™ SB 130 Antimicrobial per 1,000 gallons of water in the system.)

**Subsequent Dose:** Maintain this treatment level by starting a continuous feed of 36 to 166 ppm UCARCIDE™ SB 130 Antimicrobial to the system per day (0.3-1.4 pounds of UCARCIDE™ SB 130 Antimicrobial per 1,000 gallons of water in the system). Badly fouled systems must be cleaned before treatment is begun.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 01 2008

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

464-718