

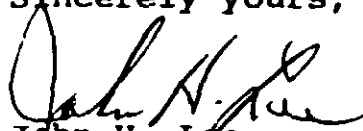
US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460  <b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide,          and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. <b>662-75</b>	DATE OF ISSUANCE <b>OCT 01 1992</b>
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT <b>Sepacide-50</b>	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
BASF Corporation Product Regulation Department 1609 Biddle Avenue Wyandotte, MI 48192-3799		
NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. 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.  A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.  Registration is in no way to be construed as an indorsement or approval of this product by this 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/cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.		
2. Make the labeling changes listed below before you release the product for shipment:		
a. Add the phrase "EPA Registration No. 662-75."		
b. Revise:		
May be harmful or fatal if swallowed		
to read:		
Harmful or fatal if swallowed.		
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

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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 label is enclosed for your records.

Sincerely yours,



John H. Lee  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (H7505C)

Enclosure

**BASF**

August 25, 1992

# Sepacide-50

A microbiocide for use in controlling sulfate-reducing bacteria in oil well drilling and oil field processing applications.

For use in closed delivery systems only.

**Active Ingredient:**

Glutaraldehyde .....	50%
Inert Ingredients: .....	50%
TOTAL .....	100%

EPA Reg. No.

EPA Est. No. 7969-WG-01

**KEEP OUT OF REACH OF CHILDREN.  
DANGER**

**CORROSIVE; CAUSES EYE AND SKIN DAMAGE.  
MAY BE HARMFUL OR FATAL IF SWALLOWED.**

**Statement of Practical Treatment**

*In case of contact with eyes*, immediately wash with running water for 15 minutes. Call a doctor at once. *In case of contact with skin*: wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. Call a doctor at once. *If swallowed*, give milk, or water to dilute. Do not induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Call a doctor at once. *If inhaled*, immediately move to fresh air. Aid in breathing, if necessary, and call a doctor at once.

**Note To Physician:** Probable mucosal injury may contradict the use of gastric lavage.

See back panel for additional precautionary statements.

**Environmental Hazards**

This pesticide is toxic to fish. Do not discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your state water board or regional office of the EPA. Do not apply in marine and/or estuarine oil fields. Do not contaminate water when disposing of equipment washwaters.

**Instructions in Case of Spills or Leaks:** Wear goggles or face shield, rubber gloves, and protective clothing. Absorb spills and leaks with inert material such as sand, clay, or vermiculite. Shovel into a sealable container and dispose of in an authorized EPA disposal facility.

**In Case of Fire:** Use water, CO<sub>2</sub>, dry chemical (e.g., sodium bicarbonate) extinguishing medias. Fire fighters should be equipped with self-contained breathing apparatus and

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 01 1992

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
Registration No. 662-95  
EPA Reg. No.

**BEST AVAILABLE COPY**

## DIRECTIONS FOR USE

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

### Drilling Muds

1. Calculate the total volume of the drilling mud system and using this volume calculate the number of gallons of Sepacide 50 needed. Parts per million (ppm) levels are for total product.

Use up to 1000 ppm of Sepacide 50 depending on the severity of the bacterial contamination. For example, 3.8 gal. Sepacide 50 per 100 barrels of fluid will provide this dilution.

2. While the system is circulating, add the Sepacide 50 in a thin stream.

3. Add additional Sepacide 50 to maintain the proper concentration as the total volume of the system increases with the well depth.

### Workover Fluids

1. Calculate the total volume of the workover fluid system and, using this volume, calculate the number of gallons of Sepacide 50 needed.

Use up to 1000 ppm of Sepacide 50 depending on the severity of the bacterial contamination. For example, 3.8 gal Sepacide 50 per 100 barrels of fluid will provide this dilution.

2. Add Sepacide 50 into the system

4. Shut the system down and idle for several hours.

5. Remove the workover fluid. The well should be ready for productive use.

### Oil Well Water Floods

1. Circulate the total volume of the water flood system and, using this volume, calculate the number of gallons of Sepacide 50 needed.

Use 100 - 200 ppm Sepacide 50 until control is achieved. For example, 0.09 - 0.18 gal Sepacide 50 per 1000 gal flood water will provide this dilution.

2. Add Sepacide 50 as a slug or intermittently.

3. 50 ppm of Sepacide 50 added each week are recommended to maintain bacterial control. This may be accomplished by adding 0.05 gal of Sepacide 50 to each 1000 gals of total volume.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Do not get in eyes, on skin, or clothing. Wear eye goggles or face shields, rubber gloves, and protective clothing when handling this product. Wash thoroughly with soap and water after handling.

### Storage and Disposal

Sepacide 50 solutions are corrosive to many commonly used

be stored and handled in baked phenolic-lined steel, stainless steel, or reinforced epoxy equipment. This product freezes at approximately -7°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 (one month), temperatures up to 100°F can be tolerated; however, the preferred maximum storage temperature is approximately 80°F. Keep away from fire and open flames. A stainless steel centrifugal pump is suggested for transfer service. Asbestos is suitable for gaskets and packing.

**Prohibitions:** Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. 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:** Triple-rinse (or equivalent). 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.

**General:** Consult Federal, state, and local authorities for approved alternative procedures. RCRA Hazardous Waste Code: D002.

**BEST AVAILABLE COPY**

## CONDITIONS OF SALE AND WARRANTY

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. All such risks shall be assumed by the Buyer. BASF

warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to above. **BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Warranty which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

1992 BASF Corporation

ACCEPTED  
with COMMENTS  
to EPA Letter Dated

OCT 01 1992

Under the 1991...  
Function, and...  
as amended, for...  
registered under EPA...  
662-75