

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

FEB 06 2001

BASF Microchek Limited  
Ruddington Fields Business Park  
Mere Way, Ruddington  
Nottingham, NG11 6JS, United Kingdom

Attn: John W. Kennedy, Agent

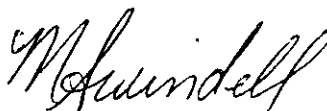
Subject: Protectol GA 50  
EPA Registration No. 662-75  
Notification Dated January 11, 2001

This will acknowledge receipt of your notification to change your product name to "Protectol GA 50", submitted under the provisions of FIFRA Section 3(c)9. Based on a review of the submitted material, the following comments apply.

The notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.

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  
Antimicrobial Division (7510C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

<b>EPA</b>	United States <b>Environmental Protection Agency</b> Washington DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other - <b>NOTIFICATION</b>	OPP Identification Number
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**Application for Pesticide - Section I**

1. Company/Product Number 662-75	2. EPA Product Manager M Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Protectol GA 50 (formally Sepacide-50)	PM 33	
5. Name and Address of Applicant (Include ZIP code) BASF MicroCheck Ltd Mere Way, Ruddington, Nottingham, NG11 6JS, United Kingdom  <input type="checkbox"/> Check if this is a new address	6. Expected Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labelling to:  EPA Reg. No _____  Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below	<input type="checkbox"/> Other - Explain below

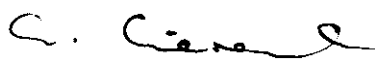
Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of product name change from Sepacide-50 to Protectol GA 50 as per PR Notice 98-10

**Section - III**

<b>1. Material This Product Will Be Packaged In:</b>			
Child-Resistant Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Certification must be submitted</i>	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If 'YES' Unit Packaging wgt.    No. Per Container	Water Soluble Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If 'Yes' Package wgt    No. per container	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input checked="" type="checkbox"/> Other * Polyethylene lined metal drum (Specify) _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size (s) Retail Container 1 kg; 30 kg*; 60 kg*; 220 kg; 1000kg IBC; 1100 kg IBC	
5. Location of Label Directions <input checked="" type="checkbox"/> On label <input type="checkbox"/> On labeling Accompanying product		6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper Glue <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____	

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name John W Kennedy	Title Consultant	Telephone No. (Include Area Code) 301 490 1600	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received	
		2. Signature 	3. Title Registration Officer
		4. Typed Name Mrs G Cierech	5. Date January 11, 2001

#### DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELLING.

FOR USE INSTRUCTIONS - SEE ALSO SIDE PANEL

#### STORAGE AND DISPOSAL

Protectol GA 50 solutions are corrosive to many commonly used materials of construction such as steel, galvanized iron, aluminium, tin and zinc. These solutions can be stored and handled in baked phenolic lined steel, stainless steel or reinforced epoxy equipment. This product freezes at approximately  $-7^{\circ}\text{C}$ . 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 (1 month), temperatures up to  $100^{\circ}\text{F}$  can be tolerated; however, the preferred maximum storage temperature is approximately  $80^{\circ}\text{F}$ . Keep away from fire and open flames. A stainless steel centrifugal pump is suggested for transfer service.

#### 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 Environment 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 procedure. RCRA Hazardous Waste Code D002.

EPA REG. NUMBER 662-75  
EPA EST. NUMBER 7089-VG-01  
BASF CORPORATION  
MOUNT OLIVE, NEW JERSEY 07828

NET CONTENTS: SEE PACKAGE

# BASF

## Protectol™ GA 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	50.0%
INERT INGREDIENTS:	50.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

# DANGER

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

#### STATEMENT OF PRACTICAL TREATMENT

- If in eyes** - Immediately wash with running water for 15 minutes. Call a doctor at once.
- If on skin** - Wash affected areas with soap and water. Remove and launder contaminated clothing before re-use. 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 damage may contraindicate the use of gastric lavage.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product 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, carbon dioxide, dry chemical (eg. sodium bicarbonate) extinguishing medias. Fire fighters should be equipped with self-contained breathing apparatus and turnout gear.

In Case of Chemical Emergency: Call CHEMTREC day or night for assistance and information concerning spilled material, fire, exposure, and other chemical accidents: 800-424-9300

#### 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 labelling, 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.

## PROTECTOL GA 50

### DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELLING.

#### DRILLING MUDS:

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

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

2. While the system is circulating, add the Protectol GA 50 in a thin stream.
3. Add additional Protectol GA 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 Protectol GA 50 needed.

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

2. Add Protectol GA 50 into the system.
3. Circulate the workover fluid system until the fluid returns clear.
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. Calculate the total volume of the water flood system and using this volume calculate the number of gallons of Protectol GA 50 needed.

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

2. Add Protectol GA 50 as a slug or intermittently.
3. 50 ppm of Protectol GA 50 added each week are recommended to maintain bacterial control. This may be accomplished by adding 0.05 gal. of Protectol GA 50 to each 1000 gals. of total volume.