

Reg # 1007-84

PA 31 10/6

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 1007-84	DATE OF ISSUANCE <b>NOV 12 1985</b>
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT  Floguard 100	

NOTICE OF PESTICIDE:  REGISTRATION  REREGISTRATION  
 (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Pfizer Inc.  
 Chemical Division  
 235 E. 42nd Street  
 New York, NY 10017

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 sec.

3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) 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. 1007-84."
- b. Revise the statement: FIRST AID to read: Statement of Practical Treatment.
- c. Revise the Environmental Hazard Statement to read:

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 to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

SIGNATURE OF APPROVING OFFICIAL	DATE
---------------------------------	------

d. It is preferred that the Misuse Statement read as follows:

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

e. It is preferred that the disposal paragraph be separated under two subheadings:

- Pesticide Disposal
- Container Disposal

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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 label is enclosed for your records.

John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

FLOGUARD™ 1000

Industrial Microbiocide

NOV 12 1985

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

For Use in Industrial Processes Only

Not For Domestic Use

1007-84

Active Ingredient:	Formaldehyde.....	37%
Inert Ingredients:	.....	63%
	(contains not more than 1.5% methanol)	100%

Keep Out of Reach of Children

DANGER

Harmful or fatal if swallowed. Causes eye damage and severe skin irritation.



First Aid

If in eyes: Flush with plenty of water for at least 15 minutes. Get medical attention.

If on skin: Flush with plenty of water for at least 15 minutes. Get medical attention.

If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available drink large quantities of water. Avoid alcohol. Get medical attention immediately.

If inhaled: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

Note To Physician

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

See side panels for additional precautionary statements

Precautionary Statements

DANGER

Hazards to Humans and Domestic Animals

Harmful or fatal if swallowed. Harmful if inhaled. Avoid breathing mist or vapor. Wear a mask or respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute of Occupational Safety and Health. Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear protective clothing, goggles or face shield and rubber gloves. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse. Discard contaminated shoes. Avoid contamination of food.

red

Environmental Hazards

This pesticide is toxic to fish and wildlife. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES permit. For guidance, contact your Regional Office of the EPA.

Physical/Chemical Hazards

Do not use or store near heat or open flame.

Storage and Disposal

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

Storage: Minimum recommended storage temperature 60°F (15° C)

Supplied in tank car, tank truck or drum.

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 instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. For tank cars or tank trucks, follow Department of Transportation regulations. Triple rinse empty container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if plastic, by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

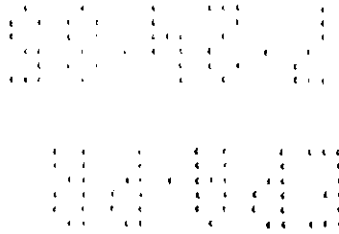
red

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

NOV 12 1985

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

1007-84



Side Panel

Directions For Use

Federal law prohibits use of this product in a manner inconsistent with its labeling.

Technical assistance in use of this product is available upon request.

Oil Field Use

For use in controlling microorganisms, including sulfate-reducing bacteria, found in waters associated with oil/gas production. These uses include subterranean waters used in water-flooding systems, drilling muds and fracturing fluids, and in surface waters found in storage tanks and transmission systems.

Enhanced Oil Recovery:

For use in protecting xanthan (such as Pfizer FLOCON 4800) or other aqueous polymers from microbial degradation in enhanced oil recovery chemical flooding applications including polymer, micellar-polymer and alkaline-polymer flooding. Add FLOGUARD 1000 continuously to oil field injection fluid at a rate determined by the injection flow rate using positive-displacement diaphragm-type metering pump at the following dosage schedule or as determined by specific microbiological testing:

- (1) Initial slug dose of 2,000 ppm active formaldehyde (1.9 lbs. FLOGUARD 1000 per bbl) for the first one to two weeks,
- (2) continued pulse dosing at 1,000 ppm active formaldehyde (1.0 lb FLOGUARD 1000 per bbl) for next week.
- (3) maintenance dose of 500 ppm active formaldehyde (0.5 lb FLOGUARD 1000 per bbl) for the next four weeks,
- (4) Repeat steps (2) and (3) for duration of flood. [High microbial loads may require occasional pulse dosing up to 5,000 ppm active formaldehyde (4.7 lb. FLOGUARD 1000 per bbl)].

Drilling Fluids:

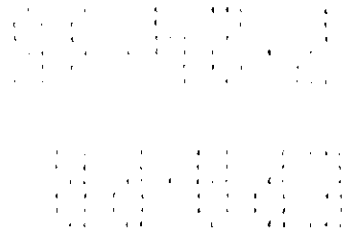
For use as a microbiocide to control the growth of microorganisms in water based drilling fluids, especially drilling muds containing xanthan or other aqueous polymers. Add FLOGUARD 1000 through the mud hopper or at pump suction at the rate of 200-2000 ppm active formaldehyde (540-5400 ppm FLOGUARD 1000 equivalent to 0.2-1.9 FLOGUARD 1000 per bbl of drilling mud).

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

NOV 12 1985

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

1007-84



6-2-8

Coal-Water Fuels: For use in protecting xanthan (such as Pfizer FLOCON 4800) and other biopolymers from microbial degradation in biopolymer-stabilized coal-water slurries and in reducing subsequent viscosity losses, particle settling and compaction. Add FLOGUARD 1000 to coal-water slurry systems at a use level of 600-3000 ppm (equivalent to 222-1110 ppm active formaldehyde) or 0.25 - 1.25 lb FLOGUARD 1000 per bbl of slurry.

Aqueous Biopolymer Solutions: For use as a microbiocide to inactivate the producing microorganism in biopolymer fermentations and to protect aqueous biopolymers from microbial attack during shipment and storage. Add FLOGUARD 1000 to biopolymer fermentation broths at a level of 2000 - 3000 ppm active formaldehyde (5400 - 8100 ppm FLOGUARD 1000). Occasionally, levels up to 5000 ppm active formaldehyde (13,500 ppm FLOGUARD 1000) may be necessary for adequate protection.

Organic Acid/Salt Solutions: For use in protecting technical grade aqueous solutions of organic acids or their salts from microbial attack during shipment and storage prior to their use in industrial processes. Add FLOGUARD 1000 at a level of 100 - 500 ppm active formaldehyde (270 - 1350 ppm FLOGUARD 1000).

Warranty

Seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning use of this product other than as indicated on the label. User assumes all risks of use, storage, or handling not in strict accordance with accompanying directions.

Lot No.

Net Contents: \_\_\_\_\_ gal (\_\_\_\_\_ lb)

EPA Reg. No. 1007-

EPA Est No. 1007-IN-1  
11558-TX-2  
11558-NJ-1  
11558-SC-1

Manufactured for Pfizer Inc. Chemical Division  
New York, N.Y. 10017

(1054M)

ACCEPTED  
with COMMENTS  
in EPA Letter 11/12/85

NOV 12 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 1007-84