

MAY 12 1986

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

Attention: Edward G. Merritt

Gentlemen:

Subject: Floguard 1015
EPA Registration No. 1007-86
Your Submission Dated December 19, 1985

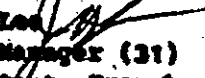
The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your 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 section 4(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 E. Lee
 Product Manager (31)
 Disinfectants Branch
 Registration Division (TS-767C)

Enclosure

90585, Label-5, KEN 015/6/86, 5/14/86, SUPP

SEARCHED	INDEXED	SERIALIZED	FILED				

Floguard™ 1015

Industrial Microbiocide

For Use in Industrial Processes Only

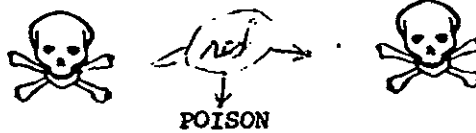
Not For Domestic Use

Active Ingredient: Formaldehyde..... 37%
Inert Ingredients: 63%
(contains 12-15% methanol)

Keep Out of Reach of Children

DANGER

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



ACCEPTED
with COMMENTS
in EPA Letter Dated:

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

1007-86

Statement of Practical Treatment

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.

For further information refer to Material Safety Data Sheet for this product.

Precautionary Statements

DANGER

Hazards to Humans and Domestic Animals

Contains methanol which may cause blindness. Harmful or fatal if swallowed. Vapor harmful. Avoid breathing spray, mist or vapors. Avoid contact with skin. 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.

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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.

Physical/Chemical Hazards

Do not use or store near heat or open flame.

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Storage and Disposal

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

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

1007-86

Storage: Minimum recommended storage temperature 30°F (-1°C)

Supplied in tank car, tank truck or drum.

Pesticide Disposal: 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 instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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Container Disposal: 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.

Directions For Use

It is a violation of Federal law to use 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 1015 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 1015 per bbl) for the first one to two weeks,
- (2) continued pulse dosing at 1,000 ppm active formaldehyde (1.0 lb FLOGUARD 1015 per bbl) for next week.
- (3) maintenance dose of 500 ppm active formaldehyde (0.5 lb FLOGUARD 1015 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 1015 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 1015 through the mud hopper or at pump suction at the rate of 200-2000 ppm active formaldehyde (540-5400 ppm FLOGUARD 1015 equivalent to 0.2-1.9 FLOGUARD 1015 per bbl of drilling mud).

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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 1015 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 1015 per bbl of slurry.

Aqueous Biopolymer Solutions: For use as a microbicide to inactivate the producing microorganism in biopolymer fermentations and to protect aqueous biopolymers from microbial attack during shipment and storage. Add FLOGUARD 1015 to biopolymer fermentation broths at a level of 2000 - 3000 ppm active formaldehyde (5400 - 8100 ppm FLOGUARD 1015). Occasionally, levels up to 5000 ppm active formaldehyde (13,500 ppm FLOGUARD 1015) 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 1015 at a level of 100 - 500 ppm active formaldehyde (270 - 1350 ppm FLOGUARD 1015).

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. 1007-86

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

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in EPA Letter D-14

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Fungicide, and Rodenticide Act
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1007-86

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

(1275M)

