

PM31

707-198

5.20.97

194

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 20 1997

Wendy W. Bingaman  
Rohm and Haas Company  
100 Independence Mall West  
Philadelphia, PA. 19106-2399

Subject: Kathon FP Concentrate 1.5%  
EPA Registration No. 707-198  
Notification Per PR-Notice 95-2  
Your Notification Dated April 29, 1997

Dear Ms. Bingaman:

This will acknowledge receipt of your notification to limit the use in diesel fuels for off-road vehicles only to comply with the 1990 Clean Air Act amendments submitted under the provisions of FIFRA section 3(c)9. Based on a review of the submitted materials, the following comments apply.

The application is acceptable and the notification has been made a part of the records for this file.

Sincerely,



Marshall Swindell  
Notification Coordinator  
Antimicrobial Program Branch  
Antimicrobial Division (7510W)

CONCURRENCES

SYMBOL	7510W						
SURNAME	P. Hart						
DATE	5/14/97						

PM-31

Reg # 707-198

NOTIFICATION

5/20/97

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080. Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
243764

Application for Pesticide - Section I

1. Company/Product Number 707-198	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Kathon® FP 1.5%	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Rohm and Haas Company 100 Independence Mall West Philadelphia, PA 19106-2399 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling 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 to limit use in diesel fuels for off-road vehicles only to comply with 1990 Clean Air Act amendments.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input 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 type="checkbox"/> Paper glued <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 Wendy W. Bingaman	Title Biocides Regulatory Manager	Telephone No. (include Area Code) (215) 592-3425
Certification 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 (Stamped) 
2. Signature 	3. Title Biocides Regulatory Manager	
4. Typed Name Wendy W. Bingaman	5. Date April 29, 1997	

# KATHON<sup>®</sup> FP 1.5

An Industrial Microbicide For Use as a Fuel Preservative

**ROHM  
& HAAS**   
100 INDEPENDENCE MALL WEST  
PHILADELPHIA, PA 19106  
TELEPHONE: (215) 592-3000

Lot  
Number  
( )



Avg. Gross: LB KG  
Net: LB KG  
Avg. Tare: LB KG

**ACTIVE INGREDIENTS:**  
5-Chloro-2-methyl-4-isothiazolin-3-one 1.15%  
2-Methyl-4-isothiazolin-3-one 0.35%  
**INERT INGREDIENTS:** 98.50%  
Total: 100.00%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**STATEMENT OF PRACTICAL TREATMENT**  
**IF SWALLOWED:** Do not induce vomiting. Drink promptly a large quantity of egg whites or gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.  
**IF ON SKIN:** Wash thoroughly with soap and water. Remove and wash contaminated clothing before re-use.  
**IF IN EYES:** Flush with plenty of water for at least 15 minutes. Call a physician.  
**IF INHALED:** Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician.  
**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.  
**SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

**CONDITIONS OF SALE AND WARRANTY**  
Rohm and Haas warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, EITHER OF MERCHANTABILITY OR FITNESS, FOR A PARTICULAR USE. Handling, storage, and use of the product by Buyer or User are beyond the control of Rohm and Haas and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow directions will be assumed by the Buyer or User. IN NO CASE WILL ROHM AND HAAS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE, OR USE OF THIS PRODUCT

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER**  
**CORROSIVE**  
**CAUSES IRREVERSIBLE EYE DAMAGE**  
**HARMFUL IF ABSORBED THROUGH THE SKIN**  
**CAUSES SKIN IRRITATION**  
**MAY CAUSE ALLERGIC SKIN REACTION**  
**MAY BE HARMFUL IF INHALED**  
**HARMFUL IF SWALLOWED**  
Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapor or mist. Avoid contamination of food. Do not take internally. Wash thoroughly with soap and water after handling.

**ENVIRONMENTAL HAZARDS**  
This product is toxic to fish and wildlife. 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. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

**STORAGE AND DISPOSAL**  
**PROHIBITIONS**  
This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate food or feed by storage, disposal, or cleaning of equipment.

**PESTICIDE DISPOSAL**  
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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**  
**METAL CONTAINERS**  
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.

**PLASTIC CONTAINERS**  
Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**GENERAL**  
**CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.**

Date of Manufacture: location for date  
EPA Reg. No. 707-198  
EPA Est. No. establishment number

**DIRECTIONS FOR USE**  
It is a violation of Federal law to use this product in a labeling.

**FUEL PRESERVATIVE**  
Kathon FP 1.5 microbicide is recommended for the control of the following liquid hydrocarbon fuels and oils: crude oil, heating oils, residual fuel oils, coal slurries, liquefied petroleum gases, feedstocks and diesel fuels for off-road vehicles only. Do not add to any diesel fuel intended for use in any self-propelled vehicle for transporting persons or property on a street or highway.

**METHOD OF ADDITION:** Kathon FP 1.5 microbicide should be added into a fuel tank, storage tank, or flowing stream of fuel. Distribution of the preservative in the fuel system. Storage methods are recommended.

**CURATIVE DOSE:** When the system is noticeably contaminated, add 100-200 ppm of Kathon FP 1.5 and 1.5-3.0 ppm active ingredient is achieved. A shock dose of up to 4 gallons of Kathon FP 1.5 per 10,000 gallons of fluid is recommended in cases of extreme or chronic contamination. Contaminated systems should be physically cleaned to remove the preservative.

**MAINTENANCE DOSE:** When the system is not noticeably contaminated, add 50-150 ppm of Kathon FP 1.5 per 10,000 gallons of fluid. This will provide 50-150 ppm of Kathon FP 1.5 active ingredient. Repeat every 4-6 weeks or when microbial activity is observed.

**FOR USE IN AVIATION FUEL, THE FEDERAL AVIATION AUTHORITY MUST BE CONSULTED AS TO THE ACCEPTABLE CONCENTRATIONS OF KATHON FP 1.5 IN SPECIFIC ENGINES AND/OR AIRCRAFT.**

Kathon FP 1.5 microbicide weighs 8.7 pounds/gallon.

**BEST AVAILABLE COPY**



100 INDEPENDENCE MALL WEST  
PHILADELPHIA, PA 19106  
TELEPHONE: (215) 592-3000

Lot  
Number  
( )



Avg. Gross: LB KG  
Net: LB KG  
Avg. Tare: LB KG

Product  
Code  
(91)

«LN1»

Container:  
Code Number Label Number  
«SN1» BU003101

**CAUTIONARY STATEMENTS**

**HUMANS AND DOMESTIC ANIMALS**

**POSSIBLE EYE DAMAGE  
IRRITATION  
CORROSION THROUGH THE SKIN  
ALLERGIC SKIN REACTION  
DANGER IF INHALED  
DANGEROUS IF SWALLOWED**

Do not get on skin, hair, or on clothing. Wear goggles or face shield and gloves. Avoid breathing vapor or mist. Avoid contact with food. Do not take internally. Wash thoroughly with soap and water.

**HAZARDS**  
To fish and wildlife. Do not discharge effluent containing this pesticide into streams, ponds, estuaries, oceans, or other waters unless permitted by a National Pollutant Discharge (NPDES) permit and the permitting authority has been notified. Do not discharge effluent containing this pesticide into navigable waters without previously notifying the local sewage treatment plant. For guidance contact your State Water Board or EPA. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

**STORAGE AND DISPOSAL PROHIBITIONS**

This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate food or feed by storage, disposal, or cleaning of equipment.

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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  
METAL CONTAINERS**

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.

**PLASTIC CONTAINERS**

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**GENERAL  
CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL  
AUTHORITIES FOR APPROVED ALTERNATIVE  
PROCEDURES.**

Date of Manufacture: location for date  
EPA Reg. No. 707-198  
EPA Est. No. establishment number

**DIRECTIONS FOR USE**

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

**FUEL PRESERVATIVE**

Kathon FP 1.5 microbicide is recommended for the control of bacteria and fungi in the following liquid hydrocarbon fuels and oils: crude oils, aviation fluids, kerosene, heating oils, residual fuel oils, coal slurries, liquefied petroleum gases, petrochemical feedstocks and diesel fuels for off-road vehicles only. Kathon FP 1.5 may not be added to any diesel fuel intended for use in any self-propelled motor vehicle designed for transporting persons or property on a street or highway.

**METHOD OF ADDITION:** Kathon FP 1.5 microbicide should be directly dispensed into a fuel tank, storage tank, or flowing stream of fuel in a manner to ensure uniform distribution of the preservative in the fuel system. Slug dose or continuous feed methods are recommended.

**CURATIVE DOSE:** When the system is noticeably fouled, add 1-2 gallons of Kathon FP 1.5 microbicide per 10,000 gallons of fluid in the system. This will provide 100-200 ppm of Kathon FP 1.5 and 1.5-3.0 ppm active ingredient. Repeat until control is achieved. A shock dose of up to 4 gallons of Kathon FP 1.5 microbicide per 10,000 gallons of fluid is recommended in cases of extreme contamination. Grossly contaminated systems should be physically cleaned to remove debris.

**MAINTENANCE DOSE:** When the system is not noticeably fouled, add 0.5-1.5 gallons of Kathon FP 1.5 microbicide per 10,000 gallons of fluid to maintain the system. This will provide 50-150 ppm of Kathon FP 1.5 and 0.75-2.25 ppm active ingredient. Repeat every 4-6 weeks or when microbial contamination is detected.

**FOR USE IN AVIATION FUEL, THE FEDERAL AVIATION ADMINISTRATION MUST BE CONSULTED AS TO THE ACCEPTABILITY OF THE ADDITIVE FOR USE IN SPECIFIC ENGINES AND/OR AIRCRAFT.**

Kathon FP 1.5 microbicide weighs 8.7 pounds/gallon.

Kathon FP 1.5 biocide is specially formulated by Rohm and Haas Company for the control of microorganisms in fuels and oils. Rohm and Haas is the owner of United States patent rights to methods and compositions covering this use, particularly United States Patents 4,105,431 and 4,396,413. The purchase price of Kathon FP 1.5 biocide includes a royalty whereby the purchaser acquires a prepaid license to employ the purchased quantity of Kathon FP 1.5 biocide only for the above specified fuel preservation use under Rohm and Haas's United States patent rights. Other uses of Kathon FP 1.5 biocide are not licensed through the purchase of this product, and the use of Kathon FP 1.5 biocide for other purposes may violate patent rights of Rohm and Haas Company.

**BEST AVAILABLE COPY**

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