

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
EPA Registration No. 707-194
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	F. Hart						
DATE	5/14/97						

PM 31

707-194

5/20/97

Page 2 of 5

NOTIFICATION

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 05-31-98

	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration	OPP Identifier Number 243762
		<input type="checkbox"/> Amendment	
		<input checked="" type="checkbox"/> Other	

Application for Pesticide - Section I

1. Company/Product Number 707-194	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Kathon © FP Concentrate	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 <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
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
2. Signature 		6. Date Application Received (Stamped)
3. Title Biocides Regulatory Manager		
4. Typed Name Wendy W. Bingaman		
5. Date April 29, 1997		

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KATHON® FP CONCENTRATE

An Industrial Microbicide for Use as a Fuel Preservative



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

Lot
Number
()



ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one	8.6%
2-Methyl-4-isothiazolin-3-one	2.6%

INERT INGREDIENTS:

Total:	88.8%
	100.0%

**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. Never give anything by mouth to an unconscious person. 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 EYE DAMAGE AND SKIN BURNS
MAY CAUSE ALLERGIC SKIN REACTION
MAY BE HARMFUL IF INHALED
MAY BE FATAL IF SWALLOWED OR
ABSORBED THROUGH THE SKIN**

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 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.

KATHON FP 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 biocide includes a royalty whereby the purchaser acquires a prepaid license to employ the purchased quantity of KATHON FP biocide only for the above-specified fuel preservation use under Rohm and Haas's United States patent rights. Other uses of KATHON FP biocide are not licensed through the purchase of this product, and the use of KATHON FP biocide for other purposes may violate patent rights of Rohm and Haas Company.

STORAGE AND DISPOSAL PROHIBITIONS

The product as supplied evolves gas (largely carbon dioxide) slowly. To prevent buildup of pressure the product is in specially vented containers. Keep this product in package when not in use. Container must be stored, transported in an upright position to prevent spilling contents through the vent. Do not contaminate food 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 Environment Control Agency or the Hazardous Waste representative nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

METAL CONTAINERS

Triple rinse (or equivalent). Then offer for recycling, reconditioning, or puncture and dispose of in a sanitary or by other procedures approved by state and local authorities.

PLASTIC CONTAINERS

Triple rinse (or equivalent). Then offer for recycling, reconditioning, or puncture and dispose of in a sanitary 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. 707-194

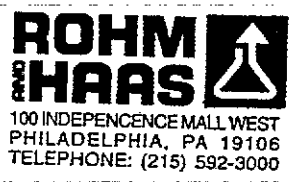
EPA Est. No. establishment number

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495

CONCENTRATE

Use as a Fuel Preservative



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

Lot
Number
()



8.6%
2.6%
88.8%
100.0%

CHILDREN
TREATMENT
promptly a large quantity
available, drink large
thing by mouth to an

Remove and wash
5 minutes. Call a

not breathing, apply
oxygen. Call a physician.
may contraindicate the

CAUTIONARY STATEMENTS.
ical description and is
ed in accordance with label
MAKES NO OTHER
CHANGING OR
and use of the product by
seller. Risks such as
n, but not limited to, failure
NO CASE WILL ROHM
QUANTAL, SPECIAL, OR
NG, STORAGE, OR USE

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER
CORROSIVE**
**CAUSES EYE DAMAGE AND SKIN BURNS
MAY CAUSE ALLERGIC SKIN REACTION
MAY BE HARMFUL IF INHALED
MAY BE FATAL IF SWALLOWED OR
ABSORBED THROUGH THE SKIN**
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 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.

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STORAGE AND DISPOSAL PROHIBITIONS

The product as supplied evolves gas (largely carbon dioxide) slowly. To prevent buildup of pressure the product is packaged in specially vented containers. Keep this product in the original package when not in use. Container must be stored and transported in an upright position to prevent spilling the contents through the vent. 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. 707-194
EPA Est. No. establishment number

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in labeling.

Kathon FP Concentrate microbicide is recommended for use in the following liquid hydrocarbon fuels and kerosene, heating oils, residual fuel oils, coal slurry petrochemical feedstocks and diesel fuels for off-road motor vehicle designed for transporting persons or property. Kathon FP Concentrate microbicide is recommended for use in **TERMINAL USE ONLY.**

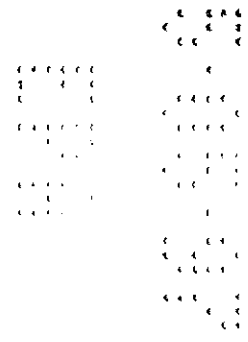
METHOD OF ADDITION: Kathon FP Concentrate is dispensed into a fuel tank, storage tank, or flowing system to provide a uniform distribution of the preservative in the fuel system. Feed methods are recommended.

CURATIVE DOSE: When the system is noticeably contaminated with microorganisms, Kathon FP Concentrate microbicide per 1 million gallons will provide 13-27 ppm of Kathon FP Concentrate microbicide per 1 million gallons of fluid is recommended. A shock dose of up to 2.25 ppm active ingredient. Repeat every 4-6 weeks if contamination is detected.

MAINTENANCE DOSE: When the system is not noticeably contaminated, Kathon FP Concentrate microbicide per 1 million gallons will provide 6.7-20 ppm of Kathon FP Concentrate microbicide per 1 million gallons of fluid is recommended. Repeat every 4-6 weeks if contamination is detected.

FOR USE IN AVIATION FUEL, THE FEDERAL AERONAUTICAL ADMINISTRATION (FAA) MUST BE CONSULTED AS TO THE ACCEPTABLE USE IN SPECIFIC ENGINES AND/OR AIRCRAFT.

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575

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

Product
Code
(91)



«LN1»

Container:
Code Number Label Number
«SN1» BU002801

DISPOSAL

When the container is emptied, it may evolve gas (largely carbon dioxide) which will build up pressure. The product is packaged in plastic containers. Keep this product in the original container. Container must be stored and kept upright in a cool, dry position to prevent spilling the contents. Do not contaminate food or feed by cleaning of equipment.

SAFETY

This product is extremely hazardous. Improper disposal of this product is a violation of Federal law. If these instructions are not followed by use according to label, it may be considered a violation of Federal law. For more information, contact your State Pesticide or Environmental Control Agency or the nearest Federal or State Hazardous Waste representative at the address listed on the label for guidance.

OSHA REGULATIONS

When the container is emptied, it may evolve gas (largely carbon dioxide) which will build up pressure. The product is packaged in plastic containers. Keep this product in the original container. Container must be stored and kept upright in a cool, dry position to prevent spilling the contents. Do not contaminate food or feed by cleaning of equipment.

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.

DIRECTIONS FOR USE

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

Kathon FP Concentrate 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 Concentrate 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. Kathon FP Concentrate microbicide is recommended for REFINERY AND TERMINAL USE ONLY.

METHOD OF ADDITION: Kathon FP Concentrate 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 13-27 gallons of Kathon FP Concentrate microbicide per 1 million gallons of fluid in the system. This will provide 13-27 ppm of Kathon FP Concentrate and 1.5-3.0 ppm active ingredient. Repeat until control is achieved. A shock dose of up to 54 gallons of Kathon FP Concentrate per 1 million gallons of fluid is recommended in the case of extreme contamination. Grossly contaminated systems should be physically cleaned to remove debris.

MAINTENANCE DOSE: When the system is not noticeably fouled, add 6.7-20 gallons of Kathon FP Concentrate microbicide per 1 million gallons of fluid to maintain the system. This will provide 6.7-20 ppm of Kathon FP Concentrate and 0.75-2.25 ppm active ingredient. Repeat every 4-6 weeks or when microbial contamination is detected.

Kathon FP Concentrate microbicide weighs 10.4 pounds/gallon.

14723 RO POLY-TWIN™

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