

707-198

09/30/2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

SEP 30 2008

Rohm and Haas Company  
727 Norristown Road, P. O. Box 904  
Spring House, PA 19477

Attention: Valerie Phillips  
Regulatory Specialist

**Subject: KATHON FP 1.5% Industrial Microbicide**  
EPA Registration No. 707-198  
Amendment Dated June 24, 2008

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, to expand use on label to include "Gasoline" under the "Fuel Preservative" heading, is acceptable.

A stamped copy of the "accepted" labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,

A handwritten signature in cursive script that reads "M Swindell".

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)

Enclosure

# KATHON™ FP 1.5

MADE IN U.S.A.

2/4

## An Industrial Microbicide For Use as a Fuel System Preservative



Lot Number  
( )

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<b>ACTIVE INGREDIENTS:</b>	
5-Chloro-2-methyl-4-isothiazolin-3-one	1.11%
2-Methyl-4-isothiazolin-3-one	0.39%
<b>INERT INGREDIENTS:</b>	
	98.50%
<b>Total:</b>	<b>100.00%</b>

**KEEP OUT OF REACH OF CHILDREN**

### DANGER

#### FIRST AID

- IF ON SKIN:**
- Take off contaminated clothing.
  - Rinse skin immediately with plenty of water for 15-20 min.
  - Call a poison control center or doctor for advice.
- IF IN EYES:**
- Hold eye open and rinse slowly and gently with water for 15-20 min.
  - Remove contact lenses, if present, after first 5 min. then continue rinsing eye.
  - Call a poison control center or doctor for treatment advice.
- IF INHALED:**
- Move person to fresh air.
  - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth.
  - Call a poison control center or doctor for advice.
- IF SWALLOWED:**
- Call a poison control center or doctor immediately for advice.
  - Do not induce vomiting unless told to do so by a poison control center or doctor.
  - Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.
- Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
- NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.

**SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

Do not get in eyes, on skin, or on clothing. Mixers, loaders and others exposed to this product must wear: long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes plus socks; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. This product may cause skin sensitization reactions in some people.

#### ENVIRONMENTAL HAZARDS

This chemical is toxic to aquatic plants, fish and aquatic invertebrates. 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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ROHM AND HAAS  
INDEPENDENCE MALL WEST  
ELPHINSTON, PA 19106  
PHONE: (215) 592-3000

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«BC1»

«LN1»

**CAUTIONARY STATEMENTS  
TO HUMANS AND DOMESTIC ANIMALS**

**EYE DAMAGE AND SKIN BURNS  
SKIN REACTION**

**ED OR ABSORBED THROUGH THE SKIN**

clothing. Mixers, loaders and others exposed to this product must wear protective clothing: chemical resistant gloves such as nitrile or butyl rubber; eye protection; and chemical resistant apron. Discard clothing or other items that have been drenched or heavily contaminated with this product's concentrate. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available, wash with mild detergent and hot water. Keep and wash PPE separately from other clothing. Do not eat, drink, or use tobacco while wearing PPE. Wash hands before eating, drinking, chewing gum, using tobacco or using any other product. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and change the clothes. Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly. This product may cause allergic reactions in some people.

plants, fish and aquatic invertebrates. Do not discharge effluent containing this product into streams, ponds, estuaries, oceans, or other waters unless in accordance with applicable Federal and State water pollution control regulations. If a National Pollutant Discharge Elimination System (NPDES) permit is required, you must obtain one before discharging. Do not discharge this product into sewer systems without previously notifying the local sewage treatment authority. For more information, contact your State Water Board or Regional Office of the EPA. Do not use this product for cleaning of equipment or disposal of waste. Apply this pesticide

**STORAGE AND DISPOSAL  
PESTICIDE STORAGE**

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Do not apply this product in a way that will contact workers or other persons.

**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.

**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. TO THE EXTENT PERMITTED BY LAW, NEITHER ROHM AND HAAS NOR SELLER SHALL BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE, OR USE OF THIS PRODUCT.

Date of Manufacture: location for date  
EPA Reg. No. 707-198  
EPA Est. No. 707-TX-1

**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 use in the following liquid hydrocarbon fuels: diesel fuels, residual fuel oils, coal slurries, diesel fuels and gasoline.

**METHOD OF ADDITION:** Katon FP 1.5 should be added to a fuel tank, storage tank, or flowing fuel. The distribution of the preservative in the fuel system should be recommended.

**DOSE RATE:**

When microbial contamination is a concern, maintain a final system concentration of 1.5 ppm. For example, this can be accomplished by:

- 1-4 ounces of Kathon FP 1.5 per 100 gallons of fuel
- 1-4 pints of Kathon FP 1.5 per 100 gallons of fuel
- 1-4 quarts of Kathon FP 1.5 per 100 gallons of fuel
- 1-4 1/2 gallons of Kathon FP 1.5 per 100 gallons of fuel
- 1-4 gallons of Kathon FP 1.5 per 100 gallons of fuel
- 1-4 five (5) gallon pails of Kathon FP 1.5 per 100 gallons of fuel
- 1-4 thirty (30)gallon drums of Kathon FP 1.5 per 100 gallons of fuel
- 1-4 fifty five (55) gallon drums of Kathon FP 1.5 per 100 gallons of fuel
- 1-4 IBC container (287.4 gals) of Kathon FP 1.5 per 2,874,000 gallons of fuel

Repeat as necessary.

FOR USE IN AVIATION FUEL, CONTACT YOUR AVIATION FUEL SUPPLIER. BE CONSULTED AS TO THE APPROPRIATE SPECIFIC ENGINES AND/OR AIRCRAFT.

Kathon FP 1.5 microbicide weighs 1.5 lbs per gallon.

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

SEP 30 2008

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 707-198

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

Product  
e  
(91)

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«LN1»

Container: Label Number  
Code Number 6/23/2008  
«SN1»

**USE AND DISPOSAL  
DE STORAGE**

Contaminate water, food or feed by storage, disposal or cleaning of equipment. Do not apply product in a way that will contact workers or other persons.

**DE DISPOSAL**

Wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of law. If these wastes cannot be disposed of by use according to label instructions, contact Pesticide or Environmental Control Agency or the Hazardous Waste representative at the EPA Regional Office for guidance.

**NEEDS DISPOSAL  
CONTAINERS**

Empty (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in landfill, or by other procedures approved by state and local authorities.

**NEEDS DISPOSAL  
CONTAINERS**

Empty (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in landfill or by incineration, or, if allowed by state and local authorities, by burning. If burning, allow out of smoke.

**NEEDS DISPOSAL  
CONTAINERS**

WARRANTY  
Haas warrants that this product conforms to its chemical description and is reasonably fit for the purpose indicated 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 Haas and Seller. Risks such as ineffectiveness or other unintended consequences resulting from use, failure to follow directions will be assumed by the Buyer or User. TO THE EXTENT PERMITTED BY LAW, NEITHER ROHM AND HAAS NOR SELLER SHALL BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE, OR USE OF THIS PRODUCT.

Manufacture: location for date  
No. 707-198  
No. 707-TX-1

**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, diesel fuels and gasoline.

**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.

**DOSE RATE:**

When microbial contamination is detected, add Kathon FP 1.5 in order to achieve and maintain a final system concentration of 100-400 parts million (v/v) volume to volume. For example, this can be accomplished by adding:

- 1-4 ounces of Kathon FP 1.5 for every 10,000 ounces (78.13 gallons) of fluid; or
- 1-4 pints of Kathon FP 1.5 for every 10,000 pints (1250 gallons) of fluid, or
- 1-4 quarts of Kathon FP 1.5 for every 10,000 quarts (2500 gallons) of fluid, or
- 1-4 ½ gallons of Kathon FP 1.5 for every 5,000 gallons of fluid, or
- 1-4 gallons of Kathon FP 1.5 for every 10,000 gallons of fluid, or
- 1-4 five (5) gallon pails of Kathon FP 1.5 for every 50,000 gallons of fluid, or
- 1-4 thirty (30) gallon drums of Kathon FP 1.5 for every 300,000 gallons fluid, or
- 1-4 fifty five (55) gallon drums of Kathon FP 1.5 for every 550,000 gallons fluid, or
- 1-4 IBC container (287.4 gallons per container) of Kathon FP 1.5 for every 2,874,000 gallons of fluid.

Repeat as necessary.

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.

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

SEP 30 2008

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 707-198