

ACCEPTED
SEP 1981
U.S. DEPT. OF AGRICULTURE
FEDERAL AGENCY FOR PROTECTION OF THE ENVIRONMENT
EPA Reg. No. 707-128

**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, 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

The pesticide is toxic to fish and aquatic life. Do not apply to streams, ponds or public waters. Do not contaminate water. Do not permit contamination of fish or fish eggs. Do not contaminate water by cleaning the container or applicator. Apply the pesticide in a responsible manner.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably safe for the purpose stated on the label when used in accordance with the label under normal conditions of use. But neither this warranty nor any other warranty of merchantability, fitness for a particular purpose, or implied extension of the use of the product, shall extend to a manner other than and tested by label instructions. The statement is made for information only and does not constitute a contract. Seller's liability is limited to the extent of the actual loss suffered by a user as a result of a claim of breach of warranty.

KATHON WT
**INDUSTRIAL MICROBICIDE FOR USE IN
RECIRCULATING WATER COOLING TOWERS,
OIL FIELD INJECTION WATERS
AND AIR WASHER SYSTEMS**

ACTIVE INGREDIENTS:

Formaldehyde 3.0% (w/w)
Methyl Isocyanide 0.1% (w/w)

INERT INGREDIENTS:

R 6
E 6
TOTAL 100.0

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Drink plenty of water. If a large amount is swallowed, get medical attention. Do not take any more food or drink until advised by a physician.

IF INHALED: Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician.

IF ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

IF IN EYES: Flush with plenty of water for at least 15 minutes. Call a physician.

NOTE TO PHYSICIAN:

Probable mucosal damage may result and use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

MANUFACTURED BY
ROHM AND HAAS COMPANY
PHILADELPHIA, PA

EPA Est. No. 707-PA 1
EPA Reg. No. 707-128

NET CONTENTS

GALLONS

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

For use in industrial air washers and cooling towers in a manner as directed on the label.

**INDUSTRIAL RECIRCULATING
WATER COOLING TOWERS**

For the control of bacteria, fungi and algae, add Kathon WT to the recirculating water at some other point to insure uniform distribution.

INITIAL DOSE: When the system is noticeably fouled, add 33 to 110 pounds or 4 to 11 fluid ounces of Kathon WT per 1000 gallons of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 17 to 25 pounds or 2 to 3 fluid ounces of Kathon WT per 1000 gallons of water in the system weekly or as needed for control. Badly fouled systems must be cleaned before treatment.

OIL FIELD INJECTION WATERS

For the control of slime-forming bacteria and sulfate-reducing bacteria, slug treat with 7 to 36 ppm Kathon WT depending on severity of contamination.

INITIAL DOSE: Add 18 to 36 ppm Kathon WT (0.75 to 1.5 pounds Kathon WT per 1000 barrels of water) at a point where it will be uniformly mixed. Repeat treatment after three days until control is achieved.

SUBSEQUENT DOSE: Add 7 to 18 ppm Kathon WT (0.3 to 0.75 pounds Kathon WT per 1000 barrels of water) evenly or as needed to maintain control.

AIR WASHER SYSTEMS

Add to the air washer sump or chill water sump to insure uniform distribution. Add 15.6 to 86 ppm Kathon WT (0.17 to 1.0 pounds or 2 to 11 fluid ounces of Kathon WT per 1000 gallons of water in the system) depending on severity of contamination to control bacteria, fungi and algae fouling in industrial air washer systems.

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled, apply 33 to 110 pounds or 4 to 11 fluid ounces of Kathon WT per 1000 gallons of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 17 to 25 pounds or 2 to 3 fluid ounces of Kathon WT per 1000 gallons of water weekly or as needed to maintain control.

CONTINUOUS FEED METHOD

Initial Dose: When the system is just noticeably fouled, add 33 to 110 pounds or 4 to 11 fluid ounces of Kathon WT per 1000 gallons of water in the system.

Subsequent Dose: Maintain the treatment level by adding feed of 15.6 to 23.4 ppm Kathon WT (0.17 to 0.25 pounds or 2 to 3 fluid ounces of Kathon WT per 1000 gallons of makeup water). Badly fouled systems must be cleaned before initial treatment.

Note: For use only in industrial air washing systems. Do not use in food processing equipment.

Kathon WT weighs 10.4 pounds per gallon.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food or feed by storage. Open dumping is prohibited. If plastic, do not reuse empty container.

DISPOSAL: Pesticide or rinsate that cannot be used or reprocessed should be disposed of in a landfill approved for disposal of hazardous waste. For metal containers, offer for reconditioning (for plastic containers, dispose in an incinerator or landfill approved for pesticide containers or other appropriate procedures). Consult federal, state or local disposal authorities for alternative procedures.



EF

1981

Reduced to 85% actual size

HF-84 H 4

DIRECTIONS FOR USE GENERAL CLASSIFICATION

It is suggested that the following instructions be followed in a manner consistent with the following:

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

For the control of bacteria, algae, and fungi add Kathon WT to the tower basin distribution box or some other point of uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 31 to 86 ppm Kathon WT (0.33 to 1.0 pounds or 4 to 11 fluid ounces of Kathon WT per 1000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 15.6 to 23.4 ppm Kathon WT (0.17 to 0.25 pounds or 2 to 3 fluid ounces of Kathon WT per 1000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

OIL FIELD INJECTION WATERS

For the control of slime-forming bacteria and sulfate-reducing bacteria in oil field water, apply treatment with 7 to 86 ppm Kathon WT (depending on the severity of contamination).

INITIAL DOSE: Add 18 to 36 ppm Kathon WT (0.75 to 1.5 gallons or 7.8 to 15.6 pounds Kathon WT per 1000 barrels of water) at a point in the system where it will be uniformly mixed. Repeat treatment after three days or as needed until control is achieved.

SUBSEQUENT DOSE: Add 7 to 18 ppm Kathon WT (0.3 to 0.75 gallons or 3.1 to 7.9 pounds Kathon WT per 1000 barrels of water) every seven days or as needed to maintain control.

AIR WASHER SYSTEMS

Add to the air washer sump or chill water sump to insure uniform mixing. 15.6 to 86 ppm Kathon WT (0.17 to 1.0 pounds or 2 to 11 fluid ounces of Kathon WT per 1000 gallons of water in the system) depending upon the severity of contamination to control bacteria, fungi, and algae which cause fouling in industrial air washer systems.

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled, apply 31 to 86 ppm Kathon WT (0.33 to 1.0 pounds or 4 to 11 fluid ounces of Kathon WT per 1000 gallons of water in the system). Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 15.6 to 23.4 ppm Kathon WT (0.17 to 0.25 pounds or 2 to 3 fluid ounces of Kathon WT per 1000 gallons of water) weekly or as needed to maintain control.

CONTINUOUS FEED METHOD

Initial Dose: When the system is just noticeably fouled, apply 31 to 86 ppm Kathon WT (0.33 to 1.0 pounds or 4 to 11 fluid ounces of Kathon WT per 1000 gallons of water in the system).

Subsequent Dose: Maintain this treatment level by adding a continuous feed of 15.6 to 23.4 ppm Kathon WT (0.17 to 0.25 pounds or 2 to 3 fluid ounces of Kathon WT per 1000 gallons of makeup water).

Badly fouled systems must be cleaned before initial treatment.

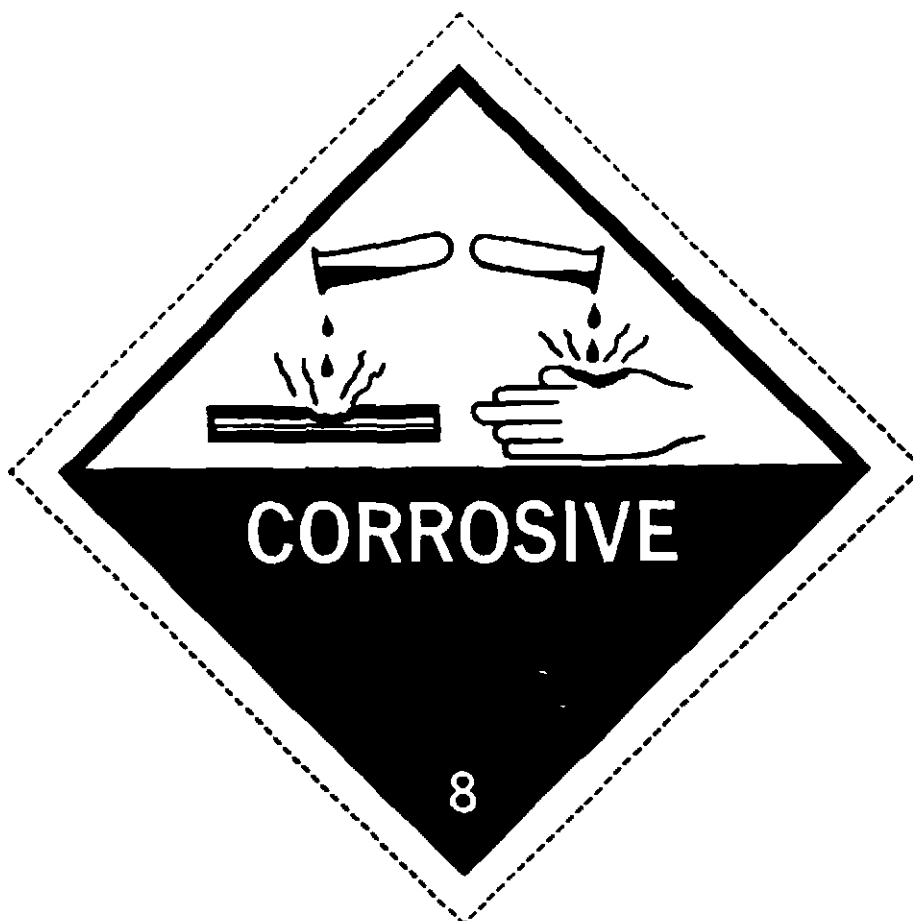
Note: For use only in industrial air washing systems that maintain effective mist-eliminating components.

Kathon WT weighs 10.4 pounds per gallon.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. If plastic, do not reuse empty container.

DISPOSAL: Pesticide or residue that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Triple rinse (or equivalent) all containers and for metal containers offer for recycling or reconditioning (for plastic containers, dispose in an incinerator) or dispose in landfill approved for pesticide containers or bury in a safe place. Consult federal, state or local disposal authorities for approved alternative procedures.



DOT Proper Shipping Name:
CORROSIVE LIQUID, N.O.S.

(5-Chloro-2-methyl-4-isothiazolin-3-one)

UN 1760

In event of emergency,

CALL TOLL FREE: 800-424-9300 (CHEMTREC)

MADE IN U.S.A.

**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, 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 pesticide is toxic to fish and wildlife. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance, contact your Regional Office of the EPA. Do not use this pesticide in or near waterways, wetlands, or other sensitive areas.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. But neither this warranty nor any other warranty of merchantability or fitness for a particular purpose expressed or implied, extends to the use, storage or handling of this product in a manner other than as directed by label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to either party at the time of sale.



54Y 865 — Rohm and Haas — OC — 8-12-81
Disc 1 — File 1

KATHON W

NEW INDUSTRIAL CARCERESIDE PESTICIDE FOR
RECIRCULATING WATER COOLING
OIL FIELD INJECTION WATER
AND AIR WASHER SYSTEMS

ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one
2-Methyl-4-isothiazolin-3-one

INERT INGREDIENTS:

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, or water. If these are not available, drink large quantities of water. Avoid alcohol. Call a physician.

IF INHALED: Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing, give oxygen. Call a physician.

IF ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

IF IN EYES: Flush with plenty of water for at least 15 minutes. Call a physician.

NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory depression and convulsions may be needed.

SEE THE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

MANUFACTURED BY
ROHM AND HAAS COMPANY
PHILADELPHIA, PA

EPA Est No 707-PA 1
EPA Reg No 707-128

NET CONTENTS

ACCEPTED

SEP 22 1981

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 707126

Reduced to 85% actual size

8584-R3c

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

For the control of bacteria, algae and fungi add Kathon WT to the tower basin, distribution box or some other point to insure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 31.3 to 86 ppm Kathon WT (0.33 to 1.0 pounds or 4 to 11 fluid ounces of Kathon WT per 1000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 15.6 to 23.4 ppm Kathon WT (0.17 to 0.25 pounds or 2 to 3 fluid ounces of Kathon WT per 1000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

OIL FIELD INJECTION WATERS

For the control of slime forming bacteria and sulfate reducing bacteria in oil field waters, slug treat with 7 to 36 ppm Kathon WT depending on the severity of contamination.

INITIAL DOSE: Add 18 to 36 ppm Kathon WT (0.75 to 1.5 gallons or 7.8 to 15.6 pounds Kathon WT per 1000 barrels of water) at a point in the system where it will be uniformly mixed. Repeat treatment after three days or as needed until control is achieved.

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Badly fouled systems must be cleaned before initial treatment.

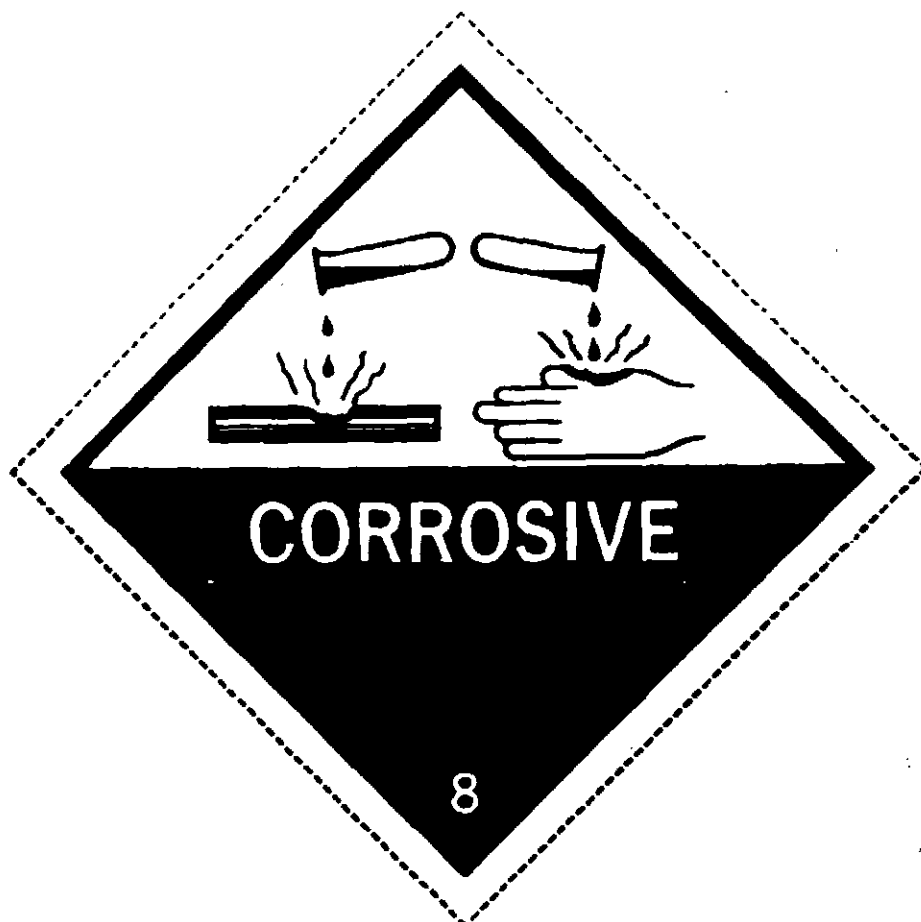
Note: For use only in industrial air washing systems that maintain effective mist eliminating components.

Kathon WT weighs 10.4 pounds per gallon.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. If plastic, do not reuse empty container.

DISPOSAL: Pesticide or waste that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Triple rinse (or equivalent) all containers and, for metal containers, offer for recycling or reconditioning (for plastic containers dispose in an incinerator), or dispose in landfill approved for pesticide containers or bury in a safe place. (Consult Federal, State or local disposal regulations for approved methods of disposal.)



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