

PM 33 707-129 9/26/97

KATHON[®] 886 MW

P7184
Made in USA

Industrial Microbicide for use in Metalworking Fluids, Metal Cleaning Fluids, Hydraulic Fluids, Photoprocessing Systems, Dispersed Pigments, Adhesives, Tackifiers, Paints, Building Materials and Polymer Latices



ACTIVE INGREDIENTS:	
5-Chloro-2-methyl-4-isothiazolin-3-one	10.4%
2-Methyl-4-isothiazolin-3-one	3.7%
INERT INGREDIENTS:	85.9%
Total:	100.0%

Acceptance Stamp on p 4/4

KEEP OUT OF REACH OF CHILDREN
DANGER
STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes immediately with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

IF ON SKIN: Wash thoroughly with soap and plenty of water. Remove and wash contaminated clothing before reuse. Get medical attention if irritation occurs.

IF INHALED: Remove person to fresh air. Get medical attention.

IF SWALLOWED: Wash mouth thoroughly with plenty of water and give water or milk to drink. Get medical attention immediately. Do not give liquids to an unconscious person.

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.

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

POLYMER LATEX PRESERVATION
Kathon 886 MW microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices including: acrylic; styrene/butadiene; carboxylated styrene/butadiene; ethylene/vinyl acetate; and biopolymers intended for industrial use, such as a xanthum gum, gum arabic, guar gum, protein-derived polymers, starches, and casein-derived polymers. Add 0.044-0.355 pound Kathon 886 MW microbicide (20-161 gram) to each 1000 pound (453 kilogram) of fluid to provide 44 to 355 ppm product (6.25-50 ppm active isothiazolones).

NOTE: To ensure uniform mixing, add Kathon 886 MW microbicide to latex or solutions slowly with agitation. The actual concentrations required will depend upon such factors as the specific substance to be treated, frequency of repeated microbial contamination expected, and level of production required.

ADHESIVE AND TACKIFIER PRESERVATION
Kathon 886 MW microbicide is recommended as an in-container preservative for the control of bacteria and fungi in water-soluble and water-dispersed adhesives such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene butadiene, and acrylic latices. Kathon 886 MW microbicide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins. Add 0.044-0.177 pound of Kathon 886 MW microbicide (20-80 gram) to each 1000 pound (453 kilogram) of fluid to provide 44 to 177 ppm product (6.25-25 ppm active isothiazolones).

PAINT AND COATING PRESERVATION
Kathon 886 MW microbicide is recommended as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper and wood coatings and paints used for architectural product finishes and special-purpose coatings. Add 0.044-0.177 pound of Kathon 886 MW microbicide (20-80 gram) to each 1000 pound (453 kilogram) of fluid to provide 44 to 177 ppm product (6.25-25 ppm active isothiazolones).

BUILDING MATERIAL PRESERVATION
Kathon 886 MW microbicide is recommended as an in-container preservative for the control of bacteria and fungi in building materials such as mastics, caulks, joint cements, spackling, and grouting. Add 0.044-0.177 pound of Kathon 886 MW microbicide (20-80 gram) to each 1000 pound (453 kilogram) of fluid to provide 44 to 177 ppm product (6.25-25 ppm active isothiazolones).

DISPERSED PIGMENTS
Kathon 886 MW microbicide is recommended as an in-container preservative for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, and kieselguhr used in paint and paper productions. Add 0.044-0.177 pound of Kathon 886 MW microbicide (20-80 gram) to each 1000 pound (453 kilogram) of fluid to provide 44 to 177 ppm product (6.25-25 ppm active isothiazolones).

284

Avg. Gross: LB KG

Net: LB KG

Avg. Tare: LB KG

Lot
Number
()



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE

CAUSES SEVERE EYE DAMAGE AND SKIN BURNS

MAY BE FATAL IF ABSORBED THROUGH THE SKIN OR SWALLOWED

MAY CAUSE ALLERGIC SKIN REACTION

HARMFUL IF INHALED

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.

U.S. Patent 4,279,762

Product
Code
(91)

«LN1»

Container:
Code Number Label Number
«SN1» 886MWEPA

**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. 707-129
EPA Est. No. 707-EN-1

METALWORKING FLUID PRESERVATION

Kathon 886 MW microbicide is recommended for the control of bacteria and fungi in soluble and emulsifiable-type aqueous metalworking fluids.

For the maintenance of a non-fouled system, use Kathon 886 MW microbicide at 2.7 fluid ounce (0.23 pound) per 1000 gallon of emulsion every 4 weeks or 2.7-12.8 fluid ounce (0.23-1.1 pound) per 1000 gallon of emulsion every 8-12 weeks. For a noticeably fouled system, use an initial dose of 5.4-12.8 fluid ounce (0.46-1.1 pound) per 1000 gallon of emulsion to be followed by subsequent maintenance dosages depending upon the treatment interval noted above. A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. The preservative should be dispensed into the use-dilution of the metalworking fluid using a metering pump and uniformly dispersed throughout the system.

METAL CLEANING FLUID PRESERVATION

Kathon 886 MW microbicide is recommended as a preservative for use in the manufacture and use of alkaline, acid, and emulsion-based metal cleaning fluids typically used in electroplating, phosphatizing, galvanizing, and general metal cleaning operations.

For addition to a metal cleaning concentrate, add Kathon 886 MW at a level to ensure that the final use-dilution fluid will contain 44-177 ppm product (6.25 to 25 ppm active isothiazolones).

For direct addition to a fouled system, add 5.6-22.6 fl. oz. (0.48-1.9 pound) of Kathon 886 MW to each 1000 gallon of use-dilution metal cleaning fluid every 3 to 4 weeks to provide 44-177 ppm product (6.25 to 25 ppm active isothiazolones). A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with make-up fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. The preservative should be dispensed into the use-dilution metal cleaning fluid using a metering pump and uniformly dispersed throughout the system.

WATER-BASED HYDRAULIC FLUID PRESERVATION

Kathon 886 MW microbicide is recommended as a preservative for use in the manufacture and use of high water-based hydraulic fluids and invert emulsion hydraulic fluids typically prepared by emulsifying 40% by volume water in 60% by volume of mineral oil using an oil-soluble emulsifying agent.

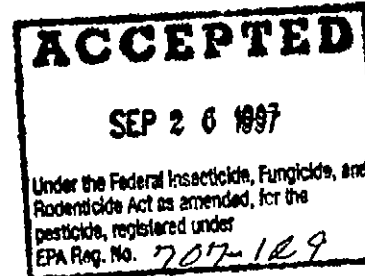
For the maintenance of a non-fouled system, use Kathon 886 MW microbicide at 9-13 fluid ounce (0.76-1.1 pound) per 1000 gallon fluid every 8 weeks. For a noticeably fouled system, use an initial dose of 13-20 fluid ounce (1.1-1.7 pound) per 1000 gallon fluid to be followed by subsequent maintenance dosage. A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. The preservative should be dispensed into the use-dilution of the hydraulic fluid using a metering pump and uniformly dispersed throughout the system.

COMMERCIAL PHOTOPROCESSING SYSTEM PRESERVATION

Kathon 886 MW microbicide is recommended to prevent slime formation or accumulation in filters and ion exchange resin tanks commercial photoprocessing systems.

For the maintenance of a non-fouled system, use Kathon 886 MW microbicide at 2.7 - 5.5 fluid ounce (0.23-0.46 pound) per 1000 gallon fluid every 8 weeks. For a noticeably fouled system, use an initial dose of 5.5 - 13.6 fluid ounce (0.46-1.15 pound) per 1000 gallon fluid to be followed by subsequent maintenance dosage. A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. The preservative should be dispensed into the final rinse or used water collection tank.

Kathon 886 MW microbicide weighs 10.8 pound per gallon



12/16