

707-323

05/10/2013

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA
Number:
707-323

Date of Issuance:
MAY 10 2013

Term of Issuance:
Unconditional

Name of Pesticide Product: **Kathon 28
WT**

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Rohm and Haas Company
727 Norristown Road, PO Box 904
Spring House, PA 19477

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration Number 707-323."

Signature of Approving Official:

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

Date:

MAY 10 2013

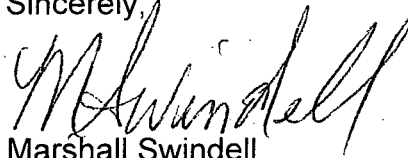
The Confidential Statement of Formula dated April 13th, 2012, is acceptable.

3. Submit three (3) copies of the final printed label prior to releasing this product for sale.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



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

Enclosure: (Stamped Labeling)

KATHON™ 28 WT

Industrial Microbicide for Use in Recirculating Water Cooling Towers, Wood Mold and Mildew Control, Oil Field Injection Waters, Air Washer Systems, Polymer Latices, Adhesives, Tackifiers, Paints, Building Materials, Dispersed Pigments, Metal Cleaning Fluids and Photoprocessing Systems.



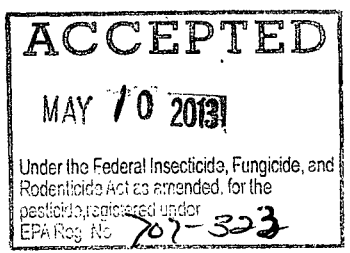
ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one	21.1%
2-Methyl-4-isothiazolin-3-one	6.9%

INERT INGREDIENTS:

TOTAL:	72.0%
	100.0%

**KEEP OUT OF REACH OF CHILDREN
DANGER
FIRST AID**



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 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 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.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.

IN CASE OF EMERGENCY CALL ROHM AND HAAS COMPANY 215-592-3000

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER

CORROSIVE

CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS

MAY BE FATAL IF ABSORBED THROUGH THE SKIN

MAY BE FATAL IF INHALED

HARMFUL IF SWALLOWED

Do not get in eyes, on skin, or on clothing. Wear coveralls worn over long-sleeved shirt and long pants, socks, chemical-resistant footwear, and gloves. Wear protective eyewear (goggles, face shield, or safety glasses). Do not breathe spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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.

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.

PHYSICAL AND CHEMICAL HAZARDS

This product is corrosive to mild steel.

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

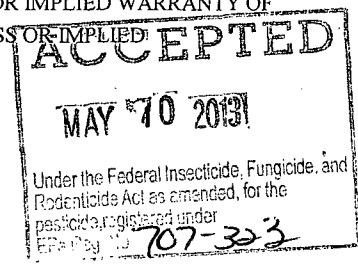
Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by procedures approved by state and local authorities.

GENERAL

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

CONDITIONS OF SALE AND WARRANTY

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.



Date of Manufacture: location for date
EPA Reg. No. 707-XXX
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.

METAL CLEANING FLUID PRESERVATION

Kathon 28 WT 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 28 WT microbicide at a level to ensure that the final use-dilution fluid will contain 22-89 ppm product (6.25-25 ppm active isothiazolones).

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

For the control of bacteria, algae, and fungi add Kathon 28 WT microbicide to the tower basin, distribution box, or some other point to insure uniform mixing. Dose Kathon 28 WT (according to instructions below) weekly or as needed to maintain control. Clean badly fouled systems before treatment is begun.

lb of product per 1000 gal fluid	oz of product per 1000 gal fluid	ppm of product	ppm active ingredient
0.016 lb	0.17 oz	1.9 ppm	0.53 ppm
0.39 lb	4.3oz	47 ppm	13 ppm

AIR WASHER SYSTEMS

Add to the air washer sump or chill water sump to insure uniform mixing, Kathon 28 WT microbicide depending upon the severity of contamination to control bacteria, fungi, and algae which cause fouling in industrial air washer systems. Dose Kathon 28 WT (according to instructions below) weekly or as needed to maintain control. Clean badly fouled systems before treatment is begun.

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

lb of product per 1000 gal fluid	oz of product per 1000 gal fluid	ppm of product	ppm active ingredient
0.016 lb	0.17 oz	1.9 ppm	0.53 ppm
0.39 lb	4.3oz	47 ppm	13 ppm

OIL FIELD INJECTION WATERS

For the control of slime-forming and sulfate-reducing bacteria in oil and gas field water systems, including enhanced recovery injection fluids, drilling, fracturing and completion fluids, slug treat. Dose Kathon 28 WT microbicide (according to instructions below) depending on the severity of contamination. Repeat treatment after three days or as needed until control is achieved. This product may be used for terrestrial and off-shore oil drilling muds and packer fluids.

gal of product per 42,000 gal fluid	lb of product per 42,000 gal fluid	ppm of product	ppm active ingredient
0.11 gal	1.3 lb	3.6 ppm	1.0 ppm
0.54 gal	6.3 lb	18 ppm	5.0 ppm

POLYMER LATEX PRESERVATION

Kathon 28 WT 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. Dose Kathon 28 WT according to instructions below.

lb of product per 1000 lb fluid	g of product per 453 kg fluid	ppm of product	ppm active ingredient
0.022 lb	10 g	22 ppm	6.25 ppm
0.179 lb	80 g	179 ppm	50 ppm

NOTE: To ensure uniform mixing, add Kathon 28 WT 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.

COMMERCIAL PHOTOPROCESSING SYSTEM PRESERVATION

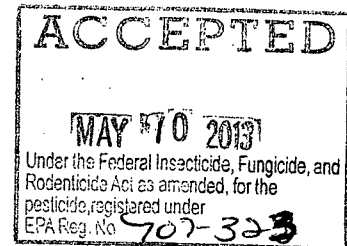
Kathon 28 WT microbicide is recommended to prevent slime formation or accumulation in filters and ion exchange resin tanks of commercial photoprocessing systems. Dose Kathon 28 WT according to instructions below. The preservative should be dispensed into the final rinse or used water collection tank.

lb of product per 1000 gal fluid	oz of product per 1000 gal fluid	ppm of product	ppm active ingredient
0.11 lb	1.2 oz	13 ppm	3.75 ppm
0.54 lb	5.9 oz	65 ppm	18 ppm

WOOD AND WOOD PRODUCTS

Kathon 28 WT microbicide is recommended for the protection of wood and wood products, such as landscape timbers, fences, posts, terrestrial-use pilings, cross ties, decks, and similar exterior structures from mold and mildew. Using the dosing instructions below, treat southern yellow pine, hemlock, ponderosa pine, and other soft woods with Kathon 28 WT as an aqueous dip or pressure treatment for mold and mildew control. Thoroughly wet and allow to dry. A single application will afford protection for 12 weeks.

lb of product per 1000 gal fluid	oz of product per 1000 gal fluid	ppm of product	ppm active ingredient
0.088 lb	0.95 oz	10.5 ppm	2.9 ppm
1.4 lb	15.5 oz	170 ppm	48 ppm



Refer to the table at the end of this section for dosing details for these applications.

ADHESIVE AND TACKIFIER PRESERVATION

Kathon 28 WT 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 28 WT microbicide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins.

PAINT AND COATING PRESERVATION

Kathon 28 WT 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.

BUILDING MATERIAL PRESERVATION

Kathon 28 WT 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.

DISPERSED PIGMENTS

Kathon 28 WT 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, montmorillite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, and kieselguhr used in paint and paper productions.

<u>lb. of product</u> <u>per 1000 lb. fluid</u>	<u>g of product</u> <u>per 453 kg fluid</u>	<u>ppm of product</u>	<u>ppm active</u> <u>ingredient</u>
0.022 lb.	10 g	22 ppm	6.25 ppm
0.089 lb.	40 g	89 ppm	25 ppm

Kathon 28 WT weighs 11.7 lbs/gal

