

527-105

11 OCT 1989

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV 09 1989

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Rochester Midland
P.O. Box 1515
Rochester, NY 14603

Attention: Carl J. Bisanz

Gentlemen:

Subject: ML-27 Microbiocide
EPA Registration No. 527-105
Your Submission Dated August 4, 1989
EPA Received Date September 7, 1989

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you submit five (5) copies of your final printed labeling before you release the product for shipment.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of this condition.

The revised Confidential Statement of Formula agrees with the label and is acceptable.

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

58354:I:Leavy:LL-12:KENCO:10/27/89:12/08/89:DD:SW:VO:EK:DD

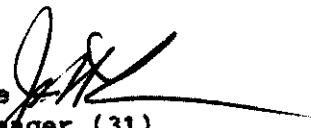
CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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If you have any questions concerning this letter, please contact Karen Leavy at (703) 557-3966.

Sincerely yours,

John H. Lee 
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosure

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER ; CORROSIVE
CAUSES EYE DAMAGE AND SKIN BURNS
MAY CAUSE ALLERGIC SKIN REACTION
HARMFUL IF INHALED
HARMFUL IF SWALLOWED

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. Refer to the ML-27 Material Safety Data Sheet for other safety information.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the 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.

DIRECTIONS FOR USE

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 ML-27 microbicide to the lower basin, distribution box or some other point to insure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 148 to 883 ppm ML-27 microbicide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of ML-27 per 1,000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm ML-27 microbicide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of ML-27 per 1,000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

AIR WASHER SYSTEMS

Add to the air washer sump or chill water sump, to insure uniform mixing, 35 to 883 ppm ML-27 microbicide (0.3 to 7.46 pounds or 4.5 to 113 fluid ounces of ML-27 per 1,000 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 148 to 883 ppm ML-27 microbicide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of ML-27 per 1,000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm ML-27 microbicide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of ML-27 per 1,000 gallons of water) weekly or as needed to maintain control.

EPA Est. No. 527-8-1
Form 8-87

ML-27
MICROBIOCIDE

INDUSTRIAL MICROBIOCIDE FOR USE IN
RECIRCULATING WATER COOLING TOWERS,
AIR WASHER SYSTEMS, PAPER MILL
SLIME CONTROL AND RECIRCULATING
CLOSED LOOP WATER COOLING SYSTEMS

EPA Reg. No. 527-105

ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one	1.15%
2-Methyl-4-isothiazolin-3-one	0.35%
INERT INGREDIENTS:	98.50%
TOTAL	100.00%

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, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. Never give anything by mouth to an unconscious person.

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

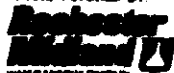
IF ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated clothing before re-use.

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

NOTE TO PHYSICIAN: Probable mycosal damage may contraindicate the use of gastric lavage. Medical Emergency Telephone No. 716-266-2283

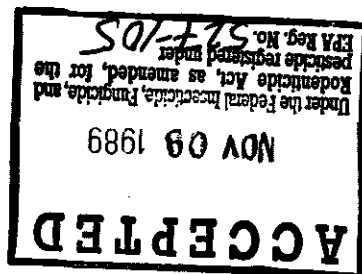
SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

MANUFACTURED BY:



P. O. BOX 1515 • ROCHESTER, NEW YORK 14603
BRANCH WAREHOUSES IN PRINCIPAL CITIES
NET WEIGHT POUNDS

(D)



DIRECTIONS FOR USE

(continued)

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is just noticeably fouled, apply 148 to 883 ppm ML-27 microbicide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of ML-27 per 1,000 gallons of water in the system).

SUBSEQUENT DOSE: Maintain this treatment level by adding a continuous feed of 35 to 219 ppm ML-27 microbicide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of ML-27 per 1,000 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.

PAPERMILLS

ML-27 microbicide is recommended for the control of bacterial and fungal slime in the production of paper.

POINT OF ADDITION: ML-27 microbicide should be added to a point in the system to insure uniform mixing such as the Beater, Hydropulper, or Fan or Brake Storage Pumps.

DOSAGE: Apply 0.44 to 1.5 lbs. (7 to 23 fluid ounces) of ML-27 microbicide per ton (dry basis) of pulp or paper produced as a slug dose. If needed repeat daily. Badly fouled systems should be cleaned before initial treatment.

INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS

For the control of bacteria, algae and fungi, add ML-27 microbicide to the reservoir, recirculating line or some other point in the system to insure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 148 to 883 ppm ML-27 microbicide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of ML-27 per 1,000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm ML-27 microbicide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of ML-27 per 1,000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

ML-27 microbicide weighs 8.4 lbs. per gallon

STORAGE AND DISPOSAL

PROHIBITIONS

This product is corrosive to mild steel. Do not store or transport in unlined metal containers. 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

Triple rinse for 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.

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

EPA Est. No. 527-NY-1

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