

527-105

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

YB

12-04-2003

DEC 4 2003

Rochester Midland Corporation
333 Hollenbeck Street
Rochester, N. Y. 14621

Attention: Valerie Kromer
Regulatory Specialist

Subject: ML-27
EPA Registration No. 527-105
Amendment Dated September 5, 2003

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended, is acceptable.

- To revise the product labeling

General Comments

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,



Marshall Swindell
Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Enclosure

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

ACCEPTED

DEC 04 2003

RECEIVED
9-11-03

Under the Federal Insecticide, Fungicide, and

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 with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. 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 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.

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 to the tower 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 (1.26 to 7.46 pounds or 19 to 113 fluid ounces of ML-27 per 1000 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 (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of ML-27 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.

AIR WASHER SYSTEMS

Add to the air washer sump or chill water sump, to insure uniform mixing, 35 to 883 ppm ML-27 (0.3 to 7.46 pounds or 4.5 to 113 fluid ounces of ML-27 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 148 to 883 ppm ML-27 (1.26 to 7.46 pounds or 19 to 113 fluid ounces of ML-27 per 1000 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 (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of ML-27 per 1000 gallons of water) weekly or as needed to maintain control.

(continued on right panel)



527-105

Water Energy Division

ML-27

MICROBIOCIDES

INDUSTRIAL MICROBIOCIDES FOR USE IN RECIRCULATING WATER COOLING TOWERS, AIR WASHER SYSTEMS, PAPERMILL SLIME CONTROL AND RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS

EPA REG. NO. 527-105

ACTIVE INGREDIENTS:
 5-Chloro-2-methyl-4-isothiazolin-3-one 1.11%
 2-Methyl-4-isothiazolin-3-one 0.39%
TOTAL INGREDIENTS: 96.50%
TOTAL 100.00%

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 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
IF ON SKIN OR CLOTHING:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
IF INHALED:	move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.
IF SWALLOWED:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Note to physician: probable mucosal damage may contraindicate the use of gastric lavage. **MEDICAL EMERGENCY TELEPHONE 1-800-535-5053 (U.S.). OUTSIDE THE U.S. 1-352-323-3500.**

See Side Panel for Additional Precautionary Statements
 PA Est. No. 527-IL-1 EPA Est. No. 527-NY-1
NET WEIGHT: 2370 Lbs

DIRECTIONS FOR USE (continued from left panel)

CONTINUOUS FEED METHOD

Initial Dose: When the system is just noticeably fouled, apply 148 to 883 ppm ML-27 (1.26 to 7.46 pounds or 19 to 113 fluid ounces of ML-27 per 1000 gallons of water in the system).
Subsequent Dose: Maintain this treatment level by adding a continuous feed of 35 to 219 ppm ML-27 (0.3 to 1.86 pound or 4.5 to 28 fluid ounces of ML-27 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.

PAPERMILLS

ML-27 is recommended for the control of bacteria and fungal slime in the production of paper.
POINT OF ADDITION: ML-27 should be added to a point in the system to insure uniform mixing such as the Beater, Hydropulper, or Fan or Broke Storage Pumps.
DOSAGE: Add 0.44 to 1.5 lbs. (7 to 23 fluid ounces) of ML-27 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 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 (1.26 to 7.46 pounds or 19 to 113 fluid ounces of ML-27 per 1000 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 (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of ML-27 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.
ML-27 weighs 8.4 lbs. per gallon.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Keep product under locked storage, inaccessible to children. Open dumping is prohibited. Do not reuse empty container.
PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of capital Federal law. If these wastes cannot be disposed of by use according to the 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 (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, burn, if burned, stay out of smoke.

For Technical Service or Ordering Information (USA) 1-800-762-4448 (Toll Free)

CORPORATE HEADQUARTERS 333 HOLLENBECK STREET ROCHESTER, NY 14621 www.rochestermidland.com

MADE IN ENGLAND

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