



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

27581-34

MAR 25 1997

Term of Issuance:

Conditional

Name of Pesticide Product:

Mildland

609

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Midland Research Laboratories, Inc.  
10850 Mid America Avenue  
Lenexa, KS 66219

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/reregistration 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 reregistration of your product under FIFRA section 4.
2. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 27581-34".
3. Submit two copies of the revised final printed label for the record.

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.

Signature of Approving Official:

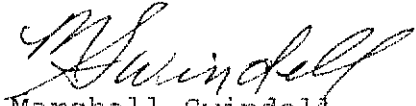
Date:

*M. Swindell, PM 31 / AD / OPP*

MAR 25 1997

If you have any questions about these comments, please call Drusilla Copeland at (703) 308-6224.

Sincerely yours,



Marshall Swindell  
Acting Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7505W)

Enclosure

# PRECAUTIONARY STATEMENTS

## Hazards to Humans and Domestic Animals

### WARNING

Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. All industrial workers applying this product must wear coveralls over a long-sleeved shirt and long pants, shoes, socks, and chemical-resistant gloves. During dilution, a chemical-resistant apron and goggles or a face shield must also be worn. Harmful if swallowed. Avoid contamination of food and feedstuffs.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply (or use) in estuarine oil fields where drilling fluids (muds) are discharged in the surface water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with 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.

Midland 609 is a highly effective bactericide and fungicide for use in controlling the growth of bacteria and fungi found in industrial recirculating water cooling towers, evaporative condensers, air washers, and paper mills. Midland 609, in addition to being a bactericide and fungicide, is a highly effective algaecide for use in controlling the growth of algae, as well as bacteria and fungi, found in industrial recirculating water cooling towers, evaporative condensers, and air washers.

### STORAGE AND DISPOSAL

#### 1. PROHIBITIONS

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

#### 2. PESTICIDE DISPOSAL

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, 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.

#### 3. CONTAINER DISPOSAL

(a) Reseal container and offer for reconditioning, or  
(b) Metal Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other approved state and local procedures.

Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### 4. GENERAL

Consult federal, state or local disposal authorities for approved alternative procedures.

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material, when such use and/or handling is contrary to label instructions.

0197A

# MIDLAND 609

### ACTIVE INGREDIENTS

Sodium Dimethyldithiocarbamate . . . . . 4.5%

Nabam (Disodium Ethylene  
Bis-dithiocarbamate) . . . . . 4.5%

INERT INGREDIENTS . . . . . 91.0%

TOTAL . . . . . 100.0%

**KEEP OUT OF REACH OF CHILDREN**

## WARNING

### STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician immediately.

See Side Panel For  
Additional Precautionary Statements.

Manufactured by



ACCEPTED  
with COMMENTS  
to EPA Letter Dated:

MAR 25 1997

MIDLAND RESEARCH  
LABORATORIES, INC.  
10850 Mid-America Avenue  
Lenexa, Kansas 66219  
913-888-0560

A Subsidiary of:  
Associated Chemicals And Services, Inc.

E.P.A. Establishment No. 27581-KS-01

E.P.A. Registration No. 27581-31

27581-GU

### DIRECTIONS FOR USE

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

This product must not be used on any food or field crop or to formulate any product for use on any food or field crop.

### INDUSTRIAL RECIRCULATING WATER COOLING TOWER AND EVAPORATIVE CONDENSERS

Dosages for industrial recirculating water cooling tower or evaporative condensers will depend on the condition of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply MIDLAND 609 to the cleaned system or when growth is first noticed, according to the following schedule:

**INITIAL DOSE:** Apply 43.53 ounces of product per each 1000 gallons of water in the system (400 ppm). This dose may be repeated once, twice or three times weekly or as required to control the growth of slime-forming organisms.

**SUBSEQUENT DOSE:** When microbial control is evident, add 7.27 to 14.33 fluid ounces of MIDLAND 609 per 1000 gallons of water (66.7-133.3 ppm) in the system every three days or as needed.

### AIR WASHERS

In treating air washer systems preclean by introducing a suitable detergent solution into the system and allow air washers to run with fan off for two hours. Flush. Check all nozzles and manually clean those that are plugged. Check all nozzles and manually clean those that are plugged. Add product as specified under dosages for Cooling Towers.

### Feeding

Midland 609 may be fed directly from the drum or diluted with water and fed by any suitable feed system. Midland 609 should be dosed directly into the sump or basin or any other location where good distribution can be assured.

### PAPER MILLS

Dosage will vary from 0.33 to 6.67 pounds (0.14 to 2.70 quarts) of MIDLAND 609 per ton of finished paper depending on the type of stock, complexity of the system, quality of raw water, and type and degree of contamination.

### Feeding

MIDLAND 609 may be drip fed continuously from the drum or fed by suitable chemical pumps such as adjustable proportioning types; variable speed, positive displacement types; or by the reciprocating type. This product should be fed as early as possible in the system at such points including the hydropulper, machine chest or broke system.

MIDLAND 609 can be used to control slime on machines which can make paper and paperboard for use in food packaging.

NET LIQUID CONTENTS: \_\_\_\_\_ LBS.

30  
8  
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