

PM33

33753-24

7/10/98

1/6



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401

"M" St., S.W.

Washington, D.C. 20460

EPA Reg. Number:

33753-24

Date of Issuance:

JUL 10 1998

Term of Issuance: **CONDITIONAL**

Name of Pesticide Product:

Myacide GDA - Slimicide and
Water Treatment Microbiocide

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code)

Knoll Pharmaceuticals, Knoll Microcheck
Mere Way, Ruddington
Nottingham NG11 6JS United Kingdom

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 reregistration of your product under FIFRA section 4.

2. Add the phrase EPA Registration Number "EPA Reg. No. "33753-24".

Signature of Approving Official:

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

Date:

JUL 10 1998

3. Submit two copies of the final printed label with the following labeling changes:

A. On the front panel, in the product description information, which starts "A microbiocide for controlling slime forming bacteria, ...", add the word "water" to the "recirculating cooling systems" phrase.

B. In the "Storage and Disposal" section, in front of the first word of this section, "Solutions...", add the words "Myacide GDA Slimicide and Water Treatment Microbiocide".

C. In the "Conditions of Sale and Warranty" section, change the sentence, "Warrants that this product conforms to the chemical description..." to the following, "Knoll Pharmaceuticals warrants that this product conforms to the chemical description..."

D. In the "Conditions of Sale and Warranty" section, change the sentence, "Makes no other express or implied warranty" to the following, "Knoll Pharmaceuticals makes no other express or implied warranty".

E. In the "Conditions of Sale and Warranty" section, change the last sentence which ends with, "...signed by a duly authorized representative", to the following, "...signed by a duly authorized representative of Knoll Pharmaceuticals".

F. In the "Directions For Use", under the "Paper Mills - Initial Treatment", change the word "done" to "dose".

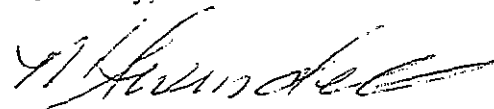
G. In the "Heat Transfer Systems" section, delete the first sentence and add the specific use directions which are referred to as being "...described above".

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.

If you have any questions concerning this letter, please contact Tony Kish at (703) 308-9443.

Sincerely,



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

Enclosure

3/6

Myacide GDA

Slimeicide and Water Treatment Microbiocide

A microbiocide for controlling slime forming bacteria, sulfate reducing bacteria, fungi, yeast and algae in paper mills and paper mill process water systems, water based coatings for paper and paperboard, air washers, recirculating cooling systems, and heat transfer systems.

Active Ingredient:

Glutaraldehyde.....	50%
Inert Ingredients.....	50%
TOTAL.....	100%

EPA Reg. No. 33753-EU

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
DANGER**

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 10 1998

**CORROSIVE: CAUSES EYE AND SKIN DAMAGE.
HARMFUL OR FATAL IF SWALLOWED.**

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.
33753-EU

STATEMENT OF PRACTICAL TREATMENT

In case of contact with eyes, immediately wash with running water for 15 minutes. Call a doctor at once. In case of contact with skin: wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. Call a doctor at once. If swallowed, give milk, or water to dilute. Do not induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Call a doctor at once. If inhaled, immediately move to fresh air. Aid in breathing, if necessary, and call a doctor at once.

Note to Physician: Probable mucosal injury may contradict the use of gastric lavage. See back panel for additional precautionary statements.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this active ingredient 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 into 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 apply in marine and/or estuarine oil fields. Do not contaminate water when disposing of equipment washwaters.

Instructions in Case of Spills or Leaks: Wear goggles or face shield, rubber gloves, and protective clothing. Absorb spills and leaks with inert material such as sand, clay, or vermiculite. Shovel into a sealable container and dispose of in an authorized EPA disposal facility.

4/6

In Case of Fire: Use water, CO₂, dry chemical (e.g., sodium bicarbonate) extinguishing medias. Fire fighters should be equipped with self-contained breathing apparatus and turnout gear.

In Case of Chemical Emergency: Call CHEMTREC day or night for assistance and information concerning spilled material, fire, exposure, and other chemical accidents. 800-424-9300

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Do not get in eyes, on skin, or clothing. Wear eye goggles or face shields, rubber gloves, and protective clothing when handling this product. Wash thoroughly with soap and water after handling.

STORAGE AND DISPOSAL

Solutions are corrosive to many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. These solutions can be stored and handled in baked phenolic-lined steel, stainless steel, or reinforced epoxy equipment. This product freezes at approximately -7°C. Therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage (one month), temperatures up to 100°F can be tolerated; however, the preferred maximum storage temperature is approximately 80°F. Keep away from fire and open flames. A stainless steel centrifugal pump is suggested for transfer service. Asbestos is suitable for gaskets and packing.

Prohibitions: Do not contaminate water, food, or feed by storage or disposal.

Pesticide Disposal: Pesticide wastes are acutely hazardous. 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.

Container Disposal: 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.

General: Consult Federal, state, and local authorities for approved alternative procedures. RCRA hazardous Waste Code - D002.

ACCEPTED
with COMMENTS
in EPA Letter Dated:
JUL 10 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide.
registered under EPA Reg. No.

33753-24

5/4

CONDITIONS OF SALE AND WARRANTY

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of the Seller. All such risks shall be assumed by the Buyer. Warrants that this product conforms to the chemical description on the label and is reasonable fit for the purposes referred to above. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL KNOLL PHARMACEUTICALS OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE SALE OR HANDLING OF THIS PRODUCT. The Seller offers this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty which may be varied only by agreement in writing signed by a duly authorized representative.

DIRECTIONS FOR USE

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

Paper Mills and Paper Mill Process Water Systems:

Myacide GDA Slimicide and Water Treatment Microbiocide should be added to papermaking systems at a point of uniform mixing, such as the beaters, broke chest pump, save-all tank, or white water tank.

Initial Treatment: When the water is noticeable contaminated add 0.5-3.0 lbs. per ton of pulp or paper (dry basis) as a slug dose. Repeat until control is achieved. Heavily-fouled systems should be boiled out prior to initial treatment.

Subsequent Dose: When microbial control is evident, add 0.3-2.0 lbs per ton pulp or paper (dry basis) as a slug dose as necessary to maintain control.

Water-Based Coatings, Pigments and Filler Slurries for Paper and Paperboard:

Add sufficient quantities of Myacide GDA Slimicide and Water Treatment Microbiocide to produce a concentration of 100-600 ppm by weight of the formulation slurry (1-6 lbs. of product per 10,000 lbs. of slurry).

Air Washers and Recirculating Cooling Water Systems:

This product may be used only in industrial washer systems which have mist-eliminating compounds. Myacide GDA Slimicide and Water Treatment Microbiocide should be added at the application rates described below, to a water treatment system at a convenient point of uniform mixing such as the basin area. Addition may be made intermittently or continuously. Badly-fouled systems can be shock treated with Myacide GDA Slimicide and Water Treatment Microbiocide. Under this condition, blowdown should be discontinued for up to 24 hours.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 10 1998

6/6

Intermittent (Slug Dose) Method:

Initial Dose: When the system is noticeably fouled, add 11.5-69.0 fluid ounces (100-600 ppm) of Myacide GDA Slimicide and Water Treatment Microbiocide per 1000 gallons of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 4.5-69.0 fluid ounces (40-600 ppm) of Myacide GDA Slimicide and Water Treatment Microbiocide per 1000 gallons of water in the system per day. Badly-fouled systems must be cleaned before treatment begins.

Continuous Feed System:

Initial Dose: When the system is noticeably fouled, add 11.5-69.0 fluid ounces (100-600 ppm) of Myacide GDA Slimicide and Water Treatment Microbiocide per 1000 gallons of water in the system.

Subsequent Dose: Maintain these treatments by starting a continuous feed of 4.6-23.0 fluid ounces (40-400 ppm) of Myacide GDA Slimicide and Water Treatment Microbiocide per 1000 gallons of water in the system per day. Badly-fouled systems must be cleaned before treatment begins.

Heat Transfer Systems:

(Evaporative Condensers, Hydrostatic Sterilizers and Retorts, and Pasteurizers and Warmers)

Myacide GDA Slimicide and Water Treatment Microbiocide should be used at the same application rates and in the same manner as described above. It should be added to the system at a point of uniform mixing such as the basin area, pump area, or other reservoir or collecting areas from which the treated water will be circulated uniformly throughout the system.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 10 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.

33753-24

