

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELLING.

FOR DIRECTIONS FOR USE - SEE ADDITIONAL LABEL

STORAGE AND DISPOSAL

Mycide GDA Sulfide and Water Treatment Microblockle 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 phenol lined steel, stainless steel, or reinforced epoxy equipment. This product freezes at approximately -7°C (19.4°F). 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 (1 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 Environment Control Agency, or the Hazardous Waste representative at the nearest EPA regional Office for guidance.

CONTAINER DISPOSAL

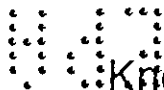
Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

GENERAL

Consult Federal, State and local authorities for approved alternative procedures. RCRA Hazardous Waste Code D002.

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Knoll MicroCheck

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SEP 24 1998

Under the Federal Insecticide, Fungicide, and
Rodenticide Act as amended, for the
pesticide, registered under
EPA Reg. No. 33753-24

MYACIDE® GDA

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

ACTIVE INGREDIENT:

Glutaraldehyde 50%

INERT INGREDIENTS 50%

TOTAL 100%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

- If in eyes - Immediately wash with running water for 15 minutes. Call a doctor at once.
- If on skin - Wash affected areas with soap and water. Remove and launder contaminated clothing before re-use. 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 damage may contraindicate the use of gastric lavage.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive: Causes eye and skin damage. Harmful or fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear eye goggles or face shields, rubber gloves and protective clothing when handling this product. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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 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.

In Case of Fire: Use water, carbon dioxide, 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.

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 labelling, all of which are beyond the control of the Seller. All such risks shall be assumed by the Buyer. Knoll Pharmaceuticals warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to above. **KNOLL PHARMACEUTICALS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL KNOLL PHARMACEUTICALS BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**



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MYACIDE® GDA

DIRECTIONS FOR USE

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PAPER MILLS AND PAPER MILL PROCESS WATER SYSTEMS:

Myacide GDA 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 noticeably 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 to 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 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 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 intermittantly or continuously. Badly fouled systems can be shock treated with Myacide GDA. Under this condition, blowdown should be discontinued for up to 24 hours.

INTERMITTANT (SLUG DOSE) METHOD:

Initial Dose: When the system is noticeably fouled, add 11.5 - 69.0 fluid ounces (100 - 600 ppm) of Myacide GDA per 1,000 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 ~~GDA~~ ~~per 1,000 gallons of water in the system per day, or as needed to maintain control.~~ ~~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 per 1,000 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 per 1,000 gallons of water in the system per day. Badly-fouled systems must be cleaned before treatment begins.

HEAT TRANSFER SYSTEMS:

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

Initial Dose: When the system is noticeably fouled, add 11.5 - 69.0 fluid ounces (100 - 600 ppm) of Myacide GDA per 1,000 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 per 1,000 gallons of water in the system per day. Badly-fouled systems must be cleaned before treatment begins. 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
SEP 24 1998
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 33953-24

