


67869-45

02/28/2007

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 U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Antimicrobials Division (7510C) 1200 Pennsylvania Avenue NW Washington, D.C. 20460 NOTICE OF PESTICIDE: <u> x </u> Registration <u> </u> Reregistration (under FIFRA, as amended)	EPA Reg. Number: 67869-45	Date of Issuance: FEB 28 2007
	Term of Issuance: Conditional	
	Name of Pesticide Product: MR 3003	

Name and Address of Registrant (include ZIP Code):

Verichem, Inc.
3499 Grand Avenue
Pittsburgh, PA 15225

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 re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Revise the "EPA Registration Number to read, "EPA Reg. No. 67869-45".

Signature of Approving Official: Marshall Swindell Product Manager Team-33 Regulatory Management Branch I Antimicrobials Division (7510P)	Date: FEB 28 2007
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b. Please note that the signal word is DANGER based upon the results of the primary eye irritation study.

c. The precautionary statements must read:

Corrosive. Causes irreversible eye damage. Harmful if swallowed or inhaled. Do not get in eyes, on skin, or on clothing. Avoid contact with skin. Avoid breathing vapor or spray mist. Wear goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the restroom. Remove and wash contaminated clothing before reuse.

d. The first aid statements must read:

IF IN EYES

- Hold eye open and rinse gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for treatment advice.

IF INHALED

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

IF SWALLOWED

- Call 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.

3. This product meets the criteria for Restricted-Use classification based on data that place it in toxicity category I for primary eye irritation.
4. This product also meets the Agency criteria for Child-Resistant Packaging (CRP) based upon data placing it in toxicity category I for primary eye irritation.

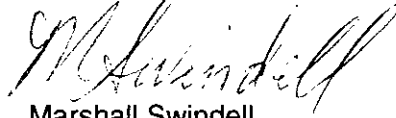
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4. Submit two (2) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

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.

Sincerely,

A handwritten signature in cursive script, appearing to read "M. Swindell".

Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosure

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

DANGER. CORROSIVE. Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Wear goggles, safety glasses or face shield when handling. May be fatal if inhaled. Do not breathe vapor or spray mist dust. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Remove contaminated clothing and wash clothing before reuse.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Wash the outside of gloves before reusing. As soon as possible, wash thoroughly. Users should remove personal protective equipment immediately after handling this product.

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.

FIRST AID

IF IN EYES: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Get medical attention. Remove contact lenses, if present, after the first 5 minute, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

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.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth. 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.

TELEPHONE NUMBERS:

For emergency information on (product), call 1-412-331-7299 or 412-521-6393, Monday through Friday, 9 am to 5 PM. After 5 PM call your poison control center. For transportation emergencies call Chemtrec at 1-800-424-9300.

NOTICE TO BUYER: Buyer assumes all risks of use and handling which are at variance in any way with the directions hereon. There are no quantities, which extend beyond the description on this label.

416
MR 3003
DBDCB DBNPA
SOLUTION

TO INHIBIT THE GROWTH OF MICROORGANISMS IN AQUEOUS SYSTEMS. CONTROLS BACTERIA, FUNGI, AND YEASTS. CONTROLS THE GROWTH OF MICROORGANISMS IN RESERVATION APPLICATIONS INCLUDING; ADHESIVES, GLUES AND TACKIFIER PRESERVATION; CONSTRUCTION PRODUCTS AND HOUSEHOLD PRODUCTS; METAL WORKING FLUIDS CONTAINING WATER; ENHANCED OIL RECOVERY; PAINTS COATINGS AND STAINS; PIGMENTS, DYES AND FILLER SUSPENSIONS; POLYMER DISPERSIONS AND EMULSIONS.

Active Ingredient:

1,2-DIBROMO-2,4-DICYANOBUTANE:	10%
2,2-DIBROMO-3-NITRILOPROPIONAMIDE:	10%
Inert Ingredients:	80%
TOTAL	100.0%

DANGER

• KEEP OUT OF REACH OF CHILDREN

EPA Reg. No. 67869-22

EPA Est. No. 67869-PA-01

ACCEPTED
with COMMENTS
EPA Letter Dated:

LOT NO. _____

6EB 2.8 2007

NET WT. _____ kg
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.



67869-45
VERICHEM

VERICHEM INC.

3499 Grand Avenue
Pittsburgh, PA 15225
412-331-7299

DIRECTIONS FOR USE: It is a violation of federal law to use this product in a manner inconsistent with its labeling.

NOTE: ADD MR 3003 DBDCB DBNPA SOLUTION SEPARATELY TO THE SYSTEM. DO NOT MIX IT WITH OTHER ADDITIVES, IN ORDER TO AVOID DECOMPOSITION OF MR 3003 DBDCB DBNPA SOLUTION DUE TO THE HIGH pH OF MANY ADDITIVE FORMULANTS.

INDUSTRIAL PROCESS AND WATER SYSTEMS

FOR CONTROL OF BACTERIA: Add 0.00095-0.0095 gallon MR 3003 DBDCB DBNPA Solution per 1,000 gallon of water in system, depending on severity of contamination.

INTERMITTENT OR SLUG METHOD: Initial Dose: When system is noticeably fouled, add 0.0048-0.0095 gallon MR 3003 DBDCB DBNPA Solution per 1,000 gall of water in the system every 4 days, or as needed to maintain control. Subsequent Dose: When microbial control is evident add 0.0024-0.0095 gallon MR 3003 DBDCB DBNPA Solution per 1,000 gallon of water in the system every 4 days, or as needed to maintain control. Badly fouled Systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD: Initial Dose: When the system is noticeably fouled, add 0.0048-0.0095 gallon MR 3003 DBDCB DBNPA Solution per 1,000 gallon of water to the system. Subsequent Dose: Maintain this level by pumping a continuous feed of 0.00095-0.0048 gallon MR 3003 DBDCB DBNPA Solution per 1,000 gallon of water to the system per day. Badly fouled Systems must be cleaned before treatment is begun.

FOR CONTROL OF FUNGI AND ALGAE: Add 0.0029-0.095 gallon MR 3003 DBDCB DBNPA Solution per 1,000 gallon of water in system, depending on severity of contamination.

INTERMITTENT OR SLUG METHOD: Initial Dose: When system is noticeably fouled, add 0.0048-0.0095 gallon MR 3003 DBDCB DBNPA Solution per 1,000 gallon of water in the system every 4 days, or as needed to maintain control. Subsequent Dose: When microbial control is evident add 0.0024-0.0095 gallon MR 3003 DBDCB DBNPA Solution per 1,000 gallon of water in the system every 4 days, or as needed to maintain control. Badly fouled Systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD: Initial Dose: When the system is noticeably fouled, add 0.048-0.095 gallon MR 3003 DBDCB DBNPA Solution per 1,000 gallon of water to the system. Subsequent Dose: Maintain this level by pumping a continuous feed of 0.029-0.095 gallon MR 3003 DBDCB DBNPA Solution per 1,000 gallon of water to the system per day. Badly fouled Systems must be cleaned before treatment is begun.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS: Add MR 3003 DBDCB DBNPA Solution to the basin (or any other point of uniform mixing). Additions should be made with a metering pump; it may be continuous intermittent, depending on the severity of the contamination when treatment is begun, and the retention time of the system. Optimum performance with this product is attained by continuous or intermittent treatment. If "shock" treatment is used, the blowdown should be discontinued for 24-48 hours.

PAPER MILLS: For the control of bacterial, fungal, and yeast growths in pulp, paper and paperboard mills, add MR 3003 DBDCB DBNPA Solution at the rate of 0.15-0.50 lb/ton of pulp or paper (dry basis). Addition may be continuous or intermittent, depending upon the type of system and the severity of contamination. It should be made with a metering pump at a location that will insure uniform distribution of MR 3003 DBDCB DBNPA Solution in the mass of fiber and water, such as the beaters, jordan inlet or discharge, broke chests, furnish chests, save-alls, and white-water tanks. Heavily fouled systems should be boiled out, then treated with 0.15-0.35 lb MR 3003 DBDCB DBNPA Solution per ton of paper (dry basis), as necessary for control. Moderately fouled systems should be treated continuously with 0.35-0.50 MR 3003 DBDCB

DBNPA Solution per ton of paper (dry basis) until the slime accumulation is controlled. Addition rates can then be reduced to 0.15-0.35 lb MR 3003 DBDCB DBNPA Solution per ton of paper on a continuous or intermittent basis, as needed for control. Dislodged slime may cause breaks in the paper and a clean up of the paper machine be advisable. Slightly fouled systems should be treated continuously with 0.15-0.35 lb MR 3003 DBDCB DBNPA Solution per ton of paper (dry basis) until the slime is controlled, then added on an intermittent basis to maintain control.

PAPER: Use MR 3003 DBDCB DBNPA Solution as a preservative for the control of bacteria and fungi in paper and paper additives. MR 3003 DBDCB DBNPA Solution may be fed directly to the additive at the following recommended dosages.

Dose Ranges:

Paper Auxiliaries/Additives	0.28-1.7%
Paper Slurries	0.4-0.8%
Fiber Processing Fluids	0.20-1.20%

MATERIAL PRESERVATION

ADHESIVE, GLUES AND TACKIFIER PRESERVATION: Add MR 3003 DBDCB DBNPA Solution as an in-container preservative for the control of bacteria and fungi in water soluble and water dispersed adhesives. MR 3003 DBDCB DBNPA Solution can be directly mixed homogeneous into to dry glues before they are concentrated.

Dose Ranges (per 1000 gallons of material):

Albumin Containing Glues	125-6000 ppm (0.0125-0.6%)
Bone Glues	125-6000 ppm (0.0125-0.6%)
Casein-Containing Adhesives	125-6000 ppm (0.0125-0.6%)
Cellulose-Based Adhesives	125-6000 ppm (0.0125-0.6%)
Dextrin-Based Adhesives	125-6000 ppm (0.0125-0.6%)
Fish Glues	125-6000 ppm (0.0125-0.6%)
Gelatin-Based Glues	125-6000 ppm (0.0125-0.6%)
Leather Glues	125-6000 ppm (0.0125-0.6%)
Plant Glues	125-6000 ppm (0.0125-0.6%)
Polymer Dispersion-Based Adhesives	125-6000 ppm (0.0125-0.6%)
Skin Glues	125-6000 ppm (0.0125-0.6%)
Starch-Based Glues (Liquid)	125-6000 ppm (0.0125-0.6%)
Starch-Based Glues (Solid)	125-6000 ppm (0.0125-0.6%)
Polyvinyl acetate, styrene-butadiene, methyl cellulose & acrylic	125-6000 ppm (0.0125-0.6%)
Polyvinyl alcohol & Hydroxyethyl cellulose	125-6000 ppm (0.0125-0.6%)
Epoxy, polyester	125-6000 ppm (0.0125-0.6%)

CONSTRUCTION PRODUCTS AND HOUSEHOLD PRODUCTS: Add MR 3003 DBDCB DBNPA Solution for the control of bacteria and fungi in water soluble and water dispersed construction products. MR 3003 DBDCB DBNPA Solution can be fed either directly to the finished construction or household product or to one of the raw materials used in the formulation of the construction and/or household product.

Dose Ranges (per 1000 gallons of material):

Biopolymers (e.g. Xanthan)	100-2000 ppm (0.01-0.2%)
Caulking Materials	100-2000 ppm (0.01-0.2%)
Mastics	100-2000 ppm (0.01-0.2%)
Ceramic Glazes	100-2000 ppm (0.01-0.2%)
Chemical Cleaning Solutions	100-2000 ppm (0.01-0.2%)
Cleaning Solutions	100-2000 ppm (0.01-0.2%)
Concrete and Masonry Additives	100-2000 ppm (0.01-0.2%)
Grouts	100-2000 ppm (0.01-0.2%)
Fire Retardant Mediums	100-2000 ppm (0.01-0.2%)
Photographic Gelatins	100-2000 ppm (0.01-0.2%)
Plasters	100-2000 ppm (0.01-0.2%)
Polishes	100-2000 ppm (0.01-0.2%)
Rubber Systems	100-2000 ppm (0.01-0.2%)
Tints	100-2000 ppm (0.01-0.2%)
Wax Emulsions	100-2000 ppm (0.01-0.2%)
Joint Compounds	100-2000 ppm (0.01-0.2%)

ACCEPTED FOR REGISTRATION
with the Federal Insecticide, Fungicide, and Rodenticide Act
EPA Reg. No. 45-776-1

METAL WORKING FLUIDS CONTAINING WATER: This product is effective in metalworking fluid concentrates, which have been diluted in water at ratios of 1:100-1:4. For controlling (or inhibiting) the growth of bacteria, fungi, and yeasts that may deteriorate metalworking fluids containing water, add MR 3003 DBDCB DBNPA Solution to the fluid in the collection tank. Additions should be made with a metering pump. Initial or Slug Dose: When the system is just noticeably fouled, add 0.50 gallon MR 3003 DBDCB DBNPA Solution per 1,000 gallon of metalworking fluid to the system. Repeat until control is achieved. Subsequent Dose: When microbial control is evident, add 0.2-0.4 gallon MR 3003 DBDCB DBNPA Solution per 1,000 gallon of metal working fluid per day, or as needed to maintain control. Additions can be made continuously or intermittently. Slug the system as required.

ENHANCED OIL RECOVERY SYSTEMS: For controlling slime-forming bacteria, sulfide producing bacteria, yeasts, and fungi in oil field water, polymer or micellar floods, water disposal systems, or other oil field water systems, add 1-80 ppm MR 3003 DBDCB DBNPA Solution (0.1-6.4 gallon MR 3003 DBDCB DBNPA Solution per 2400 barrels of water) depending on the severity of contamination. Additions should be made with a metering pump either continuously or intermittently.

CONTINUOUS FEED METHOD: When the system is noticeably fouled, add 10-80 ppm MR 3003 DBDCB DBNPA Solution (0.8-6.4 gallon MR 3003 DBDCB DBNPA Solution per 2400 barrels of water) continuously until the desired degree of control is achieved. Subsequently, treat with 1-15 ppm MR 3003 DBDCB DBNPA Solution (0.1-1.2 gallon MR 3003 DBDCB DBNPA Solution per 2400 barrels of water) continuously or as needed to maintain control.

INTERMITTENT OR SLUG METHOD: When the system is noticeably fouled, or to maintain control of the system, add 10-80 ppm MR 3003 DBDCB DBNPA Solution (0.8-6.4 gallon MR 3003 DBDCB DBNPA Solution per 2400 barrels of water) intermittently for 4-8 hours per day, and from 1-4 times per week, or as needed depending the severity of contamination.

Addition of MR 3003 DBDCB DBNPA Solution may be made at the free knockouts, before or after the injection pumps and injection well headers. NOTE: For control of bacteria, yeast, and fungi in aqueous solutions biopolymer used in flooding operations, add 15-80 ppm MR 3003 DBDCB DBNPA Solution (1.2-6.4 gallon MR 3003 DBDCB DBNPA Solution per 2400 barrels of water). Additions of MR 3003 DBDCB DBNPA Solution should be made with a metering pump immediately after preparation of the aqueous biopolymer solution to prevent loss of viscosity.

PAINTS, COATINGS AND STAINS: MR 3003 DBDCB DBNPA Solution is generally incorporated directly into pigments and fillers, but it can also be first dissolved in a suitable solvent or added directly to the pre-heated binder systems. For best results, the preservative should be homogeneously incorporated into the stain or paint. Discoloration may occur, and should be evaluated.

Dose Ranges (per 1000 gallons of material):

Alkyd Resin-Based Systems125-3000 ppm (0.0125-0.3%)
Casein-Systems125-3000 ppm (0.0125-0.3%)
Latex-Based Systems125-3000 ppm (0.0125-0.3%)
Oil-Containing Systems125-3000 ppm (0.0125-0.3%)
Synthetic Resin Dispersions125-3000 ppm (0.0125-0.3%)

PIGMENTS, DYES AND FILLER SUSPENSIONS: Mix MR 3003 DBDCB DBNPA Solution evenly with dispersing agents for processes where the temperature does not exceed 100°C. For all

other processes, MR 3003 DBDCB DBNPA Solution is metered directly into the material to be preserved during the cooling step after the temperature falls below 50°C and homogeneous distributed by stirring.

Dose Ranges (per 1000 gallons of material):

Calcium Carbonate Slurries125-2000 ppm (0.0125-0.2%)
Carbon Black Pigment Slurries .125-2000 ppm (0.0125-0.2%)
Clay Slurries125-2000 ppm (0.0125-0.2%)
Iron Oxide Pigment Slurries .125-2000 ppm (0.0125-0.2%)
Kaolin Slurries125-2000 ppm (0.0125-0.2%)
Organic Dyes and Pigment Slurries 125-2000 ppm (0.0125-0.2%)
Other Filler Suspensions125-2000 ppm (0.0125-0.2%)
Starch Slurries125-2000 ppm (0.0125-0.2%)
Inks125-2000 ppm (0.0125-0.2%)

POLYMER DISPERSIONS AND EMULSIONS: MR 3003 DBDCB DBNPA Solution is added immediately after the preparation of the polymer dispersion or emulsion during the cooling process. Losses of active ingredient caused by elevated temperatures should be avoided.

Dose Ranges: (Polymer Dispersions and Emulsions)
(per 1000 gallons of material):

Acrylic-Systems125-2000 ppm (0.0125-0.2%)
Other Polymer Dispersions .125-2000 ppm (0.0125-0.2%)
Polyester-Based Systems ...125-2000 ppm (0.0125-0.2%)
Polyurethane-Based Systems 125-2000 ppm (0.0125-0.2%)
Polyvinyl acetate (PVA) Systems .125-2000 ppm (0.0125-0.2%)
Styrene Butadiene Systems .125-2000 ppm (0.0125-0.2%)
Vinyl Acrylic-Based Systems 125-2000 ppm (0.0125-0.2%)
Latex Emulsions125-2000 ppm (0.0125-0.2%)

STORAGE AND DISPOSAL: PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If waste 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.

PESTICIDE STORAGE: To maintain product quality, store at temperatures below 50°C. Keep container tightly closed when not in use.

CONTAINER DISPOSAL: Do not reuse empty container. 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 the state and local authorities.

NOTICE: Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FOR FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

FEB 28 2007
Date:

NOTICE TO BUYER: Buyer assumes all risks of use and handling which are at variance in any way with the directions hereon. There are no warranties, which extend beyond the description on the label.

amended, for the pesticide,
registered under EPA Reg. No.
67869-45