

67869-20

03/22/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Verichem, Inc.
3499 Grand Avenue
Pittsburgh, PA 15225

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

MAR 22 2011

Attention: Dee Wilson
Regulatory Affairs

Subject: Amendment – Rejections for 67869-25, -19, and -20
EPA Reg. 67869-20
Amendment Received by Agency February 22, 2011

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. The Agency approves the following changes made to the label:

- Addition of the alternate phrase "The most effective product usage rate within the effective range of 0.05% and 0.1% by weight must be determined by actual test on each specific formulation and situation since performance will vary depending on the ingredients in the formulation being preserved, its storage conditions, and the length of preservation time required.
- Addition of the Container Handling and Disposal language for Nonrefillable Container, PAILS, DRUMS and TOTES/BINS, and ALL NONREFILLABLE CONTAINERS.

A stamped copy of the accepted labeling is enclosed. Submit three copies of your final printed labeling to the Agency before distributing or selling the product bearing the revised labeling.

If you have any questions concerning this letter, please contact Abigail Downs at (703) 305-5259.

Sincerely,

A handwritten signature in black ink, appearing to read "Marshall Swindell".

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

N-521[®] PAC-24

FUNGICIDE/BACTERICIDE

Inhibits and controls the growth of slime forming fungi and bacteria.

PRESERVES AQUEOUS SYSTEMS

ACTIVE INGREDIENT: (present as sodium salt)
Tetrahydro-3,5-dimethyl-2H1,3,5-thiadiazine-2-thione ... 24%

INERT INGREDIENTS: 76%

TOTAL: 100%

**KEEP OUT OF REACH OF CHILDREN
DANGER!
CORROSIVE
CAUSES EYE AND SKIN DAMAGE**

EPA Reg. No. 67869-20
EPA Est. No. 67869-PA-1

NET WEIGHT: _____ **LBS / GALS.**

LOT
NO.: _____



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

BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET (MSDS) FOR THIS PRODUCT.

**IN CASE OF CHEMICAL EMERGENCY, CALL
CHEMTREC: (800) 424-9300**

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER! CORROSIVE. CAUSES EYE AND SKIN DAMAGE. Harmful if swallowed, inhaled, or absorbed through the skin. May cause allergic skin reaction. Do not get in eyes, on skin, or clothing. Wear goggles or face shield, rubber gloves, and apron when handling. May form hazardous vapors on contact with water. Do not breathe spray or vapor mist. Use with adequate ventilation. Wash thoroughly after handling.

FIRST AID

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.

If in Eyes: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 15 minutes, then continue rinsing eyes. 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 on Skin or Clothing: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

ENVIRONMENTAL HAZARDS

This product 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 local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

FOR INDUSTRIAL USE ONLY

For Slime Control in Pulp and Paper

DOSAGE: N-521[®] PAC-24 is effective in slime forming fungi and bacteria in pulp and paper at use levels of 5-20 fluid ounces per ton of dry material. Exact amount necessary for effective control on the ingredients, temperature, and equipment system and should be determined by actual testing. Shock additions should be avoided.

METHOD OF ADDITION: N-521[®] PAC-24 is added from drums by pumps or gravity feed to the system. Continuous flow by metering pump ensures adequate concentrations. Shock additions avoided.

For the Preservation of Slurries of High Viscosity Suspensions

DOSAGE: N-521[®] PAC-24 is effective in aqueous systems at levels of 0.05 to 0.1% formulation in slurries of starch, clay, paper, viscosity suspensions (e.g. adhesives, resins, etc.). The most effective product usage rate range of 0.05% to 0.1% by weight must be determined on each specific formulation and situation. Will vary depending on the ingredients in the slurry, its storage conditions, and the time required.

METHOD OF ADDITION: For preservation of slurries, N-521[®] PAC-24 should be added at a point where there will be sufficient time and adequate dispersion. N-521[®] PAC-24 can be added by pumps or gravity feed. Shock additions to

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAR 22 2011

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

67869-20

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER! CORROSIVE. CAUSES EYE AND SKIN DAMAGE. Harmful if swallowed, inhaled, or absorbed through the skin. May cause allergic skin reaction. Do not get in eyes, on skin, or clothing. Wear goggles or face shield, rubber gloves, and apron when handling. May form hazardous vapors on contact with water. Do not breathe spray or vapor mist. Use with adequate ventilation. Wash thoroughly after handling.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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.

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

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.

On Skin or Clothing: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

ENVIRONMENTAL HAZARDS

This product 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 local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

FOR INDUSTRIAL USE ONLY

For Slime Control in Pulp and Paper Mill Systems

DOSAGE: N-521® PAC-24 is effective in inhibiting the growth of slime forming fungi and bacteria in pulp and paper mill systems at use levels of 5-20 fluid ounces per ton of finished product. The exact amount necessary for effective control will vary depending on the ingredients, temperature, and equipment used in the mill system and should be determined by actual test. Systems which show considerable slime fouling should be cleaned thoroughly prior to treatment.

METHOD OF ADDITION: N-521® PAC-24 can be added directly from drums by pumps or gravity feed to the wet end of the mill system. Continuous flow by metering pumps is preferred to ensure adequate concentrations. Shock addition is to be avoided.

For the Preservation of Slurries and High Viscosity Suspensions

DOSAGE: N-521® PAC-24 is effective as a preservation in aqueous systems at levels of 0.05 to 0.1% based on the total formulation in slurries of starch, clay paper coating, and high viscosity suspensions (e.g. adhesives, resin emulsions, glues, etc.). The most effective product usage rate within the effective range of 0.05% to 0.1% by weight must be determined by actual test on each specific formulation and situation since performance will vary depending on the ingredients in the formulation being preserved, its storage conditions, and the length of preservation time required.

METHOD OF ADDITION: For preservation of aqueous systems, N-521® PAC-24 should be added at a point in the processing where there will be sufficient time and agitation for thorough dispersion. N-521® PAC-24 can be added directly from drums by pumps or gravity feed. Shock additions to be avoided.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE: Container should be stored in a cool, dry, well-ventilated area. Do not store near heat or open flame. Exercise due caution to prevent damage to or leakage from the container. Keep container closed when not in use. Do not reuse container.

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 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 HANDLING AND DISPOSAL

NONREFILLABLE CONTAINER. Do not refill or reuse container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

PAILS (equal to or less than 5 gallons): Empty remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

DRUMS and TOTES/BINS (greater than 5 gallons): Empty remaining contents into application equipment or mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn container over onto its other end and tip it back and forth several times. Empty the rinsate into the application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

ALL NONREFILLABLE CONTAINERS: Offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

The information on this label is offered solely for your information, consideration, and investigation and represents our current data and best opinion as to the proper use of this product under normal conditions. Any use of the product which is not in conformance with this label or which involves using the product in combination with any other product or any other process is the responsibility of the user. This information is provided without warranties, either express or implied, and we assume no responsibility for the accuracy or completeness of the data contained herein. **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.

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amended, for the pesticide,
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