

1965-79

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:
1965-79

Date of Issuance:
JAN 29 2010

Term of Issuance:
Conditional

Name of Pesticide Product:
VANCIDE* MZ-96

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mr. Frank Flynn
R.T. Vanderbilt Co. Inc.
30 Winfield Street
Norwalk, CN 06856-5150

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 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.

Based on your response to the Ziram RED, the EPA has reregistered this product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g) (2) of the Federal Insecticide, Fungicide and Rodenticide Acts, as amended. Registration under this section does not eliminate the need for continual reassessment of pesticides. The EPA may require submission of data at any time to maintain the registration of the subject product.

The following label revisions must be made:

- 1. The Storage and Disposal section should be revised per PR Notice 2007-4.

Signature of Approving Official:

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

Date:

JAN 29 2010

2. Per the acute toxicity study the Hazards to Humans and Domestic Animals Statements must be revised to read as follows:

"Corrosive. Causes irreversible eye damage. May be fatal if inhaled. Harmful if swallowed. Harmful if absorbed through skin. Do not get in eyes, on skin, or on clothing. Do not breathe dust. Wear protective eye wear (goggles, face shield, safety glasses), Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P, or HE filter, long sleeved shirt and long pants, shoes, socks, and chemical resistant gloves* (such as or made out of any waterproof material, selection category A). Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals."

3. Per the acute toxicity review the First Aid statement must be revised to read:

"IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. 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 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 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 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."

4. Per the Per the RED the Environmental Hazards statement must be revised to read as follows:

"This pesticide is toxic to fish and aquatic invertebrates. 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. Do not contaminate water when disposing of equipment wash waters."

5. Per the acute toxicity study add a User Safety Recommendations section. It should be placed under Hazards to Humans and Domestic Animals immediately following Engineering Controls (if present), enclosed in a box and read as follows:

"User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing."

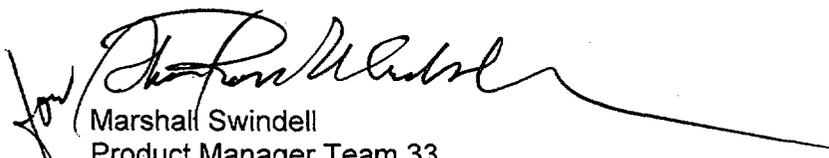
6. Per the acute toxicity review the Note to Physician is required for the subject product:

"Probable mucosal damage may contraindicate the use of gastric lavage."

In addition, the Agency recommends that additional text be added to the Note to Physician that addresses category 1 eye irritation concerns.

For additional labeling clarity and consistency, please refer to the enclosed EPA reviews. Submit three (3) copies of the revised labeling bearing the labeling revisions listed above. If you have any questions concerning this matter, please contact me at (703) 308-6341 or by email at swindell.marshall@epa.gov or ShaRon Carlisle at (703) 308-6427 or by email at carlisle.sharon@epa.gov.

Sincerely,


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

Enclosures: Agency reviews

JAN 29 2010

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide,

NET WEIGHT 100 LBS.

STATEMENT OF PRACTICAL TREATMENT.

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

If inhaled, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If on skin, immediately flush with plenty of water for at least 15 minutes. Get medical attention.

If in eyes, hold eyelids open and flush with a gentle stream of water for 15 minutes. Call a physician.

Note to physician: Probable mucosal damage may contraindicate gastric lavage.

DIRECTIONS FOR USE

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

As with all new formula ingredients, the user should assure compatibility and stability. The following use levels are typical and should be evaluated to ensure adequate protection. Do not exceed the maximum level shown.

Preservation of Adhesives - Dry starch and synthetic latex adhesives are subject to bacterial degradation when water is added by the end user. To prevent this from occurring, add VANCIDE MZ-96 at 0.185 to 0.5% (by weight of the final composition) during the manufacture of the adhesive product. This product is cleared for use in adhesives used in food packaging (FDA 175.105).

Preservative for Dried Films - The dried films of water-based or water-reduced industrial materials are often subject to defacement by mold and mildew. Such materials include wall and ceiling textures, wallpaper paste, wallboard joint compounds, spackles, wood fillers, caulks and sealants. VANCIDE MZ-96 should be added at 0.185 to 0.5% (based on potential dry-film solids weight) during the initial phase of formula preparation to assure adequate wetting and disbursement.

Short-term Spoilage Protection - VANCIDE MZ-96 can supply short-term protection from spoilage to water-reduced industrial materials including wallboard compounds. For successful control of spoilage, the use of good quality water and clean manufacturing conditions are required. In ready-mix products, add 0.4 - 0.5% VANCIDE MZ-96 to the water-based formula during manufacture, based on total weight. In dry-powder formulas, the amount of VANCIDE MZ-96 added during manufacture should be sufficient to attain 0.4 - 0.5% VANCIDE MZ-96 in the final mixture. Once water is added at the use site.

in EPA Letter Dated.

JAN 29 2010

Vancide* MZ-96

INDUSTRIAL PRESERVATIVE

ACTIVE INGREDIENT:
Zinc Dimethylthiocarbamate, CAS No. 137-30-4 95.0%
INERT INGREDIENTS: 4.0%
100.0%

KEEP OUT OF REACH OF CHILDREN

POISON DANGER



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Fatal if inhaled. Corrosive. Causes irreversible eye damage. Harmful if absorbed through skin. Do not breathe dust, do not get in eyes or on clothing. Harmful if swallowed. Avoid contact with skin. Wear respiratory protective device approved by Mine Safety and Health Administration and the National Institute for Occupational Safety and Health, goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE): Some materials that are chemical-resistant to this product are non-permeable polymers such as latex, nitrile or PVC.

All Handlers Must Wear: Long-sleeved shirt and long pants; shoes plus socks; chemical resistant gloves that are non-permeable, such as latex, nitrile or PVC and a NIOSH-approved dust mist-filtering respirator with MSHA/NIOSH approval number prefix TC-21 or a NIOSH-approved respirator with any N, R, P, or HE filter. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations: Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Mold Inhibitor for Water-reducible Paints: For exterior latex paints, use no more than 1% of VANCIDE MZ-96 based on total weight (equal to about 10 lbs. per 100 gallons). For all other paints, use no more than 3% of VANCIDE MZ-96 based on total weight (equal to no more than 30 lbs. per 100 gallons), added during the pigment-dispersion stage of manufacture. It is recommended that users of paints applied with an airless sprayer wear suitable respiratory protection.

Do not use in formulations containing metallic drier.

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. Do not contaminate water when disposing of equipment wash waters.

STORAGE AND DISPOSAL - Store in a cool, dry place. Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty 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 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 - Completely empty liner or bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner or bag in a sanitary landfill or by incineration if allowed by State and local authorities.

General -Consult Federal, State or local disposal authorities for approved alternative procedures such as limited open burning. If burned stay out of smoke.

EPA REG. No. 1965-79 EPA EST. No. 1955-KY-1

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

1965-79

VANT VANDERBILT COMPANY, INC.

1965-79

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