

464-682

4/21/2010

1096

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



Office of Pesticide Programs

APR 21 2010

The Dow Chemical Company
727 Norristown Road, P. O. Box 904
Springhouse, PA 19477

Attention: Valerie T. Phillip
Product Stewardship Specialist

Subject: BIOBAN DXN
EPA Registration No. 464-682
Amendment Dated March 9, 2010

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

- Label Modifications

Submit two (2) copies of the final printed labels for our review. A stamped copy of the "accepted" label is enclosed for your records.

If you have any questions or comments concerning this letter, please feel free to contact Martha L. Terry at (703) 308-6217.

Sincerely,

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

Enclosure

2016

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BIOBAN DXN Antimicrobial
Draft Label
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BIOBAN™ DXN Antimicrobial

(BRAND OF DIMETHOXANE) BACTERIOSTAT/FUNGISTAT

| | |
|---|--------------|
| Active Ingredients: | |
| 2,6-Dimethyl-m-dioxane-4-ol acetate | 87.0% |
| Inert Ingredients: | <u>13.0%</u> |
| | 100.0% |

E.P.A. Registration No. 464-682
E.P.A. Est. XXX-XX-XXX

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
**HARMFUL IF SWALLOWED OR ABSORBED
THROUGH THE SKIN • CAUSES
MODERATE EYE IRRITATION**

**Avoid Contact With Eyes, Skin, Or Clothing •
Prolonged or Frequently Repeated Skin
Contact May Cause Allergic Reactions In
Some Individuals • Wash Thoroughly With Soap
And Water After Handling**

General Precautions and Restrictions
Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application. When handlers use closed metering systems, the handlers requirements may be reduced or modified to long-sleeve shirt, long pants, shoes and socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washing use detergent and hot water. Keep and wash PPE separately from other laundry.

**ACCEPTED
with COMMENTS
EPA Letter Dated:
APR 21 2010**
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. **464-682**

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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. 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.

FIRST AID

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 poison control center or doctor for treatment advice.

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 SWALLOWED

- Call poison control center or doctor immediately for treatment advice
- Have a person sip a glass of water if able to swallow
- Do not induce vomiting unless told to do so by the poison control center or doctor
- Never give anything by mouth to an unconscious person

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.

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HOT LINE NUMBER

IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect 989-636-4400. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN

Respiratory symptoms, including pulmonary edema, may be delayed. Persons receiving significant exposure should be observed 24-48 hours for signs of respiratory distress. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

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. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flames.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Notice: Do Not Ship or Store with Food, Feeds, Drugs or Clothing

Pesticide Storage

Keep container covered. Store in a dry, cool, well ventilated area avoiding open flames or other source of ignition.

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Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal:
Nonrefillable Container. Do not reuse empty container. Triple rinse (or equivalent) the container. 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.

DIRECTIONS FOR USE

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

BIOBAN DXN Antimicrobial is useful for the preservation of the materials described below against microbial degradation during manufacture, storage, and service life. Use only in the applications described below. Add at the recommended levels to an appropriate point in the manufacturing process.

Industrial Adhesives

- Tape joint compounds: 0.0125% - 0.2% by weight
- Silicone based adhesives: 0.06% - 0.2% by weight
- Starch based adhesives: 0.06% - 0.2% by weight
- Other adhesives: 0.01% - 0.2% by weight

Paints

Paints: 0.04% - 0.2% by weight

Emulsions

Emulsions: such as latex, PVA, silicone, oil acrylic, polyethylene, PVC add 0.015% - 0.2% by weight

Coatings

Coatings: 0.06% - 0.2% by weight

Specialty Industrial Products

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Specialty industrial products: such as pigment slurries, dyestuffs, inks, thickeners, gums, lingsulfonates add 0.015% - 0.2% by weight

Textile Chemicals and Finishes

Textile chemicals and finishes such as dye levelers, textile auxiliaries, softeners, lubricants, antistats, sizings and print pastes add 0.05% - 0.2% by weight

Leather Processing Liquors

Leather processing liquors such as dyes, wet processing leather finishes add 0.05% - 0.2% by weight

Distillation Fuels

Distillation fuels: 0.025% - 0.2% by weight

THIS PRODUCT HAS NOT BEEN CLEARED UNDER THE FEDERAL, FOOD, DRUG, AND COSMETIC ACT FOR USE IN THE MANUFACTURE OF COATINGS THAT MAY COME IN CONTACT WITH FOOD.

Net Contents:

Produced For – *When produced by contract manufacturer or contract packager*

Dow Diamond
The Dow Chemical Company
Midland, Michigan 48674
(989) 636-4400

TMTrademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow

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