



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

October 4, 2016

Trisha Kopta
Product Stewardship/Regulatory Specialist
The Dow Chemical Company
1501 Larkin Center Drive, 200 Larkin Center
Midland, MI 48674

Subject: Notification per PRN 98-10 – Remove Statement under product name “inert” ingredients and change to “other ingredients” add the following statement “Product not registered for the use in the state of California” and to add an alternate brand name
Product Name: Bioban™ DXN
EPA Registration Number: 464-682
Application Date: August 23, 2016
Decision Number: 521065

Dear Ms. Kopta:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped “Notification” and will be placed in our records.

The alternate brand name Bioban™ DXN Antimicrobial has been added to the product record.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Zebora Johnson at (703) 308-7080 or via email at johnson.zebora@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Julie Chao".

Julie Chao, Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

BIOBAN™ DXN Antimicrobial

Active Ingredients:

2,6-Dimethyl-m-dioxane-4-ol acetate	87.0%
Other Ingredients	<u>13.0%</u>
	100.0%

E.P.A Registration No. 464-682

E.P.A. Est. XXX-XX-XXX

NOTIFICATION

464-682

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

10/04/2016

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.

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.

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.

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 its 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

Product not registered for this use in the State of California – Optional Statement

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

Coatings

Product not registered for this use in the State of California – Optional Statement

Coatings: 0.06% - 0.2% by weight

Specialty Industrial Products

Product not registered for this use in the State of California – Optional Statement

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

Textile Chemicals and Finishes

Product not registered for this use in the State of California – Optional Statement

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

Product not registered for this use in the State of California – Optional Statement

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

Distillation Fuels

Product not registered for this use in the State of California – Optional Statement

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

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