



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 2, 2017

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

Subject: Label and CSF Notification per PRN 98-10 – Minor Updates to the CSF and Label
Product Name: Bioban 425 Antimicrobial
EPA Registration Number: 464-781
Application Date: 07/21/2017
Decision Number: 532026

Dear Ms. Kopta:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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.

The CSFs submitted with your application have been stamped “Notification” and placed in our files.

Please note that the record for this product currently contains the following CSFs:

- Basic CSF dated 07/21/2017

Any CSFs other than those listed above are superseded/no longer valid.

If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at heffernan.aline@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Aline Heffernan". The signature is fluid and cursive, with a long horizontal stroke at the end.

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

BIOBAN™ 425 ANTIMICROBIAL

NOTIFICATION

464-781

ACTIVE INGREDIENTS:

2-methyl-4-isothiazolin-3-one 15%

2-n-Octyl-4-isothiazolin-3-one 10%

~~INERT~~ OTHER INGREDIENTS: 75%

Total: 100%

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:

KEEP OUT OF REACH OF CHILDREN

08/02/2017

DANGER

FIRST AID

IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 min.
- Call a poison control center or doctor for treatment advice.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 min.
- Remove contact lenses, if present, after first 5 min. 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 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 a poison control center or doctor immediately for treatment advice.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Have person sip a glass of water if able to swallow. Do not give anything to an unconscious person.

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

IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect 989-636-4400

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE

CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS

MAY CAUSE ALLERGIC SKIN REACTION

MAY BE FATAL IF SWALLOWED OR INHALED

HARMFUL IF ABSORBED THROUGH THE SKIN

Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear chemical-resistant gloves such as nitrile or butyl rubber, goggles, face shield, chemical-resistant apron worn over long sleeved shirt and long pants and a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE pre-filter. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, oysters and shrimp. 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 waste. Apply this pesticide only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

Do not contaminate with strong oxidizing or reducing agents. Avoid contact with amines, mercaptans, strong acids or bases.

STORAGE AND DISPOSAL

PESTICIDE STORAGE

Do not contaminate water, food, or feed by storage or disposal or cleaning of equipment. Do not apply this product in a way that will contact workers or other persons. Store in a cool dry place. Keep container tightly closed. In case of a spill or leak, contain with absorbent materials and collect in suitable and properly labeled containers.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by procedures approved by state and local authorities.

GENERAL

~~CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES~~

NOTICE

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

EPA Reg. No. 464-781

EPA Est. No.

DIRECTIONS FOR USE

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

TO BE USED ONLY BY TECHNICALLY QUALIFIED PERSONS.

Refer to the table at the end of this section for dosing details for the following applications.

IN-CONTAINER PRESERVATION

This product is recommended as an in-container preservative for the control of bacteria and fungi in industrial and household consumer products, including all-purpose household and industrial liquid cleaners, furniture and floor care products, liquid laundry products, fabric softeners, air fresheners, automotive products, car washes, polishes for floors and furniture, wipes or towelettes, spray starch, waxes and automotive polishes, carpet cleaners and spot removers, hand and automatic dish detergents, adhesives, raw materials such as surfactants.

SURFACTANT CONCENTRATES

This product is recommended as a preservative for the control of bacteria and fungi in surfactants used in industrial and household consumer products. This product should be added to the concentrate at a level to ensure that the final use-dilution will contain the use rate as recommended on the table below.

ELECTRONIC CHEMICALS PRESERVATION

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

The product is recommended for the control of bacteria and fungi in electronic chemicals.

NOTE: Regardless of the manner of incorporation, the total active ingredient in the system should at no time exceed 187.5 ppm (750 ppm product) in the final use dilution.

lbs. of product per 100 lbs. fluid	g of product per 45.3 kg fluid	ppm of product	ppm active ingredient (MIT/OIT)
0.01 lbs.	4.53 g	100 ppm	15 ppm/10 ppm
0.075 lbs.	34.0 g	750 ppm	112.5 ppm/75 ppm

This product weighs 9.35 lbs/gal

NET WT:

Lot:

Produced For – *When produced by a contract manufacturer*

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.

End of Label