



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

464-8148

Date of Issuance:

8/20/19

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

BIOBAN BTCM Antimicrobial

Name and Address of Registrant (include ZIP Code):

Trisha Kopta
Dow Chemical Company
1001 Larkin Center
Midland, MI 48674

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

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

Date:

8/20/19

2. You are required to comply with the data requirements described in the DCI identified below:
 - a. 5-Chloro-2-methyl-4-isothiazolin-3-one GDCI-107103-1709
 - b. 2-Methyl-4-isothiazolin-3-one GDCI-107104-1479
 - c. 1,2-Benzothiazolin-3-one GDCI-098901-27548

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 464-8148.”
5. Submit one copy of the final printed label for the record before you release the product for shipment.

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 fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 01/09/2019

If you have any questions, please contact Terria Northern by phone at 703-347-0265, or via email at northern.terria@epa.gov.

Enclosure: Accepted label

BIOBAN™ BTCM Antimicrobial

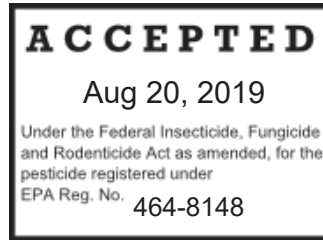
Date: August 19, 2019

BIOBAN™ BTCM Antimicrobial

[BRACKETS INDICATE PHRASES THAT WILL NOT APPEAR ON PRINTED LABEL]

[Produced For]

DDP SPECIALTY ELECTRONIC MATERIALS US, INC.
1821 Larkin Center Drive
Midland, MI 48642
Phone: (833) 338-7668



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ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one	0.38%
2-Methyl-4-isothiazolin-3-one	0.14%
1,2 Benzisothiazolin-3-one	10.00%
OTHER INGREDIENTS:	89.48%
Total:	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

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 first 5 min. then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

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 INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for 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 do so by a poison control center or doctor. Do not give anything by mouth 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 CHEMTREC (800) 424-9300

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

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER

CORROSIVE

CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS

HARMFUL IF SWALLOWED

MAY BE FATAL IF INHALED

Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA-NIOSH approved number prefix TC-23C) or a canister approved for pesticides (MSHA-NIOSH approved number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter. When mixing, loading or cleaning equipment wear a chemical-resistant apron. Wear coveralls worn over long-sleeved shirt and long pants, chemical resistant footwear, socks, and chemical resistant gloves (barrier laminate butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton). 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.. 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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

This chemical is toxic to aquatic plants, 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.

STORAGE AND DISPOSAL

PESTICIDE STORAGE

Do not contaminate water, food or feed by storage or disposal.

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.

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 FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Date of Manufacture: location for date
EPA Reg. No. 464-XXX
EPA Est. No. establishment number

DIRECTIONS FOR USE

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

PAINT AND COATINGS

[Not registered for this use in the State of California]

For the control of bacteria and fungi in coating applications such as paints, coatings, roof coatings, and stains, add 0.15% to 0.45% (157.8 ppm – 473.4 ppm active ingredient) of this product based on total weight of the formulation.

LATEX EMULSIONS

[Not registered for this use in the State of California]

For the control of bacteria and fungi in latex emulsions, add 0.15% to 0.45% (157.8 ppm – 473.4 ppm active ingredient) of this product based on total weight of the formulation.

SILICONE EMULSIONS

[Not registered for this use in the State of California]

For the control of bacteria and fungi in silicone emulsions, add 0.12% to 0.40% (126.24 ppm – 420.8 ppm active ingredient) of this product based on total weight of the formulation.

PROCESS WASH SOLUTIONS

[Not registered for this use in the State of California]

For the control of bacteria and fungi in process wash solutions, add 0.15% to 0.45% (157.8 ppm – 473.4 ppm active ingredient) of this product based on total weight of the solution.

ADHESIVES AND TACKIFIERS

[Not registered for this use in the State of California]

For the control of bacteria and fungi in adhesives and tackifiers, add 0.15% to 0.45% (157.8 ppm – 473.4 ppm active ingredient) of this product based on total weight of the formulation.

BUILDING MATERIALS

[Not registered for this use in the State of California]

For the control of bacteria and fungi in applications such as joint compounds/spackling, caulks/sealants, roof coatings, grouts, mastics, sealers, and concrete admixtures add 0.15% to 0.45% (157.8 ppm – 473.4 ppm active ingredient) of this product based on total weight of the formulation.

AQUEOUS MINERAL SLURRIES AND PIGMENT DISPERSIONS

[Not registered for this use in the State of California]

For the control of bacteria and fungi in aqueous mineral slurries and pigment dispersions, add 0.15% to 0.45% (157.8 ppm – 473.4 ppm active ingredient) of this product based on total weight of the formulation.

INKS AND FOUNTAIN SOLUTIONS

[Not registered for this use in the State of California]

For the control of bacteria and fungi in inks and fountain solutions, add 0.15% to 0.45% (157.8 ppm – 473.4 ppm active ingredient) of this product based on total weight of the formulation.

LIQUID HOUSEHOLD, INDUSTRIAL, JANITORIAL PRODUCTS

[Not registered for this use in the State of California]

For the control of bacteria and fungi in applications such as liquid floor cleaners, waxes, polishes, carpet cleaner, general cleaner, deodorizer products, automatic dishwashing detergent, and other similar cleaners, add 0.12% to 0.40% (126.24 ppm – 420.8 ppm active ingredient) of this product based on total weight of the formulation.

For the control of bacteria and fungi in applications such as laundry additives including liquid laundry detergents, liquid fabric treatment/refresher products, fabric softener, starch, stain remover; hand dish liquid, car care products, wipes or towelettes add 0.12% to 0.285% (126.24 ppm – 299.82 ppm active ingredient) of this product based on total weight of the formulation.

For the control of bacteria and fungi in aqueous raw materials such as silicone emulsions and surfactants add 0.12% to 0.40% (126.24 ppm – 420.8 ppm active ingredient) of this product based on total weight of the formulation.

AGRICULTURAL PRODUCTS

[Not registered for this use in the State of California]

For the control of bacteria and fungi in pesticide formulations, other agricultural use formulations and seed coatings, add 0.12% to 0.40% (126.24 ppm – 420.8 ppm active ingredient) of this product based on total weight of the formulation.

This product weighs 8.5 lbs per gallon.