



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 4, 2016

Mr. Terry Sabatelli  
DuBois Chemicals, Inc  
3630 East Kemper Road  
Cincinnati, OH 45241

Subject: Amended Reregistration Label  
Product Name: GCO-10 Bacteriostat and Algacide  
EPA Registration Number: 3635-273  
Decision Number: 455664

Dear Mr. Sabatelli:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Busan 77 RED, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

NOTE: This product is **not** yet being reregistered under section 4(g) of FIFRA.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 10/22/2012
- Alternate CSF 1, dated 10/22/2012

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.

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A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment or the next printing of the label, whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions about this letter, please contact Jacqueline Hardy by phone at (703) 308-6416, or via email at [hardy.jacqueline@epa.gov](mailto:hardy.jacqueline@epa.gov).

Sincerely,



Jacqueline Hardy, Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Enclosure      Stamped Label

{Note to Agency: Text appearing in brackets [xxx] is optional and may or may not be included on a final label. All text in braces {xxx} is administrative and will not appear on the a final label.}

**GCO-10™**  
**Bacteriostat and Algacide**

**FOR THE CONTROL OF MANY BIOFOULING ORGANISMS OCCURRING IN OPEN  
RECIRCULATING WATER COOLING TOWERS · WHEN USED AS DIRECTED,  
INHIBITS CORROSION AND SCALE BUILDUP IN TREATED SYSTEMS**

**For Industry Use**

**ACTIVE INGREDIENT:**

Poly [oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]..... 1.70%

**INERT [OTHER] INGREDIENTS:**..... 98.30%

**TOTAL:**..... 100.00%

U.S. Patent No. 4,719,083

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**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.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**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.

**IN CASE OF EMERGENCY, CALL A POISON CONTROL CENTER OR DOCTOR FOR  
TREATMENT ADVICE.**

**1-866-923-4919**

Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment.

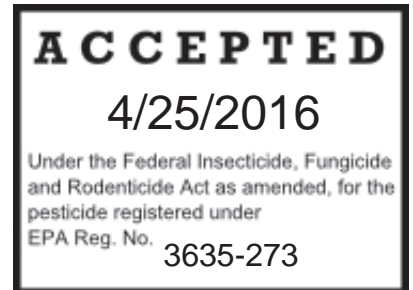
**See additional precautionary statements on back [side] [left] [right] [panel] [of] [label] [below].**

Manufactured by:  
DuBois Chemicals, Inc.  
3630 East Kemper Rd.  
Cincinnati, OH 45241

EPA Reg. No. 3635-273  
EPA Est. No.

Net Contents:

[Product of USA]



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**DIRECTIONS FOR USE:**

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

Badly fouled systems must be cleaned before treatment is begun.

**PRE-CLEANING** - To avoid unnecessary depletion of the GCO-10, preclean heavily fouled systems. Mechanically remove as much reachable growth as possible with brushes and high pressure hose. Prevent loosened sludge from plugging equipment by placing a screen fence around the opening for the return line. Flush loosened matter out basin drain. Pump or bucket sludges from sumps and hot/cold wells.

**COOLING TOWERS/OPEN RECIRCULATING SYSTEMS -**

**INTERMITTENT FOR SLUG TREATMENT** - After pre-cleaning, turn off bleed for 4 to 12 hours. Do not use any other treatment during period of applying biocide. Initially slug feed GCO-10 to tower basin at 36 to 90 fluid ounces per 1000 gallons of system water. Repeat dosage if necessary to achieve control. When control is evident, open bleed off valve and return to normal treatment. Maintain control with subsequent GCO-10 treatments using GCO-10 at 0.2 to 59 fluid ounces per 1000 gallons of water. Apply 1 to 5 days as needed. Frequency of treatment depends upon the system and local conditions.

**CONTINUOUS FEED METHOD** - Initial dose: When the system is noticeably fouled, add 36 to 90 fluid ounces of GCO-10 per 1000 gallons of system water. Subsequently, maintain this level by pumping a continuous feed of 9 to 90 fluid ounces of GCO-10 per 1000 gallons of water in the system lost by blowdown.

**AIR WASHERS** - GCO-10 is used to control bacteria and slime in industrial air washers that are equipped with effective mist eliminators. Prior to initial dose systems must be cleaned to remove bacterial slime and other deposits.

Initial Dose: An initial slug dose of 3.3 to 83.25 fluid ounces per 1000 gallons of water. Repeat initial dosage until control is evident.

Subsequent Dose: - Subsequent slug additions of 2.25 to 83.25 fluid ounces per 1000 gallons of water should be employed 1 to 5 days or as needed. Slug additions may be made to the sump or to the water collection trays of the air wash systems.

This product contains 0.14 lb. of active ingredients per gallon and weighs 8.67 lbs. per gallon.

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## **STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Do not reuse empty container. Keep container closed when not in use.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility. Open dumping is prohibited.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: *{Text for containers 5 gallons or less}*

Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later reuse or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

*{Text for containers greater than 5 gallons}*

Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

## **PRECAUTIONARY STATEMENTS**

### **HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish, aquatic invertebrates, and clams. 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 agency 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.