

2017-8115  
2018-05-22

## GCO-10

### LIQUID BACTERIOSTAT AND ALGAECIDE

#### INDUSTRIAL

#### READ THE LABEL BEFORE USING

For the control of many biofouling organisms occurring in open recirculating water cooling towers.  
GUARANTEE: Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride] ... 1.7%  
This product contains 77.18 grams of active ingredient per 4.54 litres which weighs 4.72 Kg.

REGISTRATION NO. 18800 PEST CONTROL PRODUCTS ACT

Net Contents: 205 L

DuBois Chemicals Canada, Inc.  
1 First Canadian Place  
100 King Street West, Suite 1600  
Toronto, ON M5X 1G5  
Tel: 1-866-861-3603

#### DIRECTIONS FOR USE:

**DO NOT** discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans, and other waters.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

For institutional and industrial use.

**Precleaning:** To avoid unnecessary depletion of the GCO-10, precleaning of heavily fouled systems is recommended. 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 or slug treatment. After precleaning, 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 150 ppm to 365 ppm. 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 45-365 ppm. Frequency of treatment depends upon the system and local conditions.

**Industrial Air Washing Systems:** Prior to use in air Washers, systems should be cleaned to remove organic, inorganic and microbiological deposits. An initial slug addition of 882 to 1415 mL GCO-10 per 1,000 liter of water should then be added to the sump or the water collector trays. Repeat the initial dosage until control is evident. Subsequent slug additions of 882 to 1415 mL GCO-10 per 1,000 liters of water should be added every 1 to 5 days or as needed. The frequency of addition will depend on the relative amount of bleedoff and the severity of the microbiological problem. For use only in systems equipped with effective mist eliminating components.

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**Continuous Feed Method:** Initial Dose: When the system is noticeably fouled add 150 to 365 ppm of GCO-10. Subsequently, maintain this level by pumping a continuous feed of 45-365 ppm. Badly fouled systems must be cleaned before treatment is begun.

#### **MINIMUM USE DILUTION CONFIRMATION (AOAC)**

Bacteria; Bacillus Subtilis - 1488 ppm

Algae; Anacystis Cyanea, Chlorella Pyrenoidosa, Chlamydomonas Sp., Oscillatoria Tenius, Phormidium Inundatum, Scenedesmus Basilimus, Unidentified Mixed Culture - 179 ppm

**Do not store with food or food products or contaminate them with GCO-10. Do not use in potable water systems.**

#### **PRECAUTIONS**

##### **KEEP OUT OF REACH OF CHILDREN**

Do not use in potable water systems. Avoid breathing vapours. Not for use or storage in or around the home environment. Do not use, pour, spill or store near heat or open flame. If frozen, thaw and mix to make usable. Do not mix with any other chemical. Harmful if swallowed. Avoid contact with skin, eyes or clothing. Wear a long-sleeved shirt and long pants, chemical-resistant gloves during handling, clean-up and repair activities. In addition, a chemical-resistant apron is required for workers handling end-use products in industrial settings. Wash thoroughly after handling. Immediately remove contaminated clothing and wash before reuse.

#### **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 a poison control centre 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 centre or doctor for treatment advice.

**If swallowed,** call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

#### **ENVIRONMENTAL HAZARDS:**

This pesticide is toxic to fish and other aquatic organisms. Do not discharge in lakes, streams, ponds, or public waters.

#### **DISPOSAL:**

1. Rinse the emptied container thoroughly and add the rinsings to the treatment site.
2. Follow provincial/territorial instructions for any additional required cleaning of the container prior to its disposal or reconditioning.
3. Dispose of the container in accordance with provincial/territorial requirements
4. For information on the disposal of unused, unwanted product cleanup of spills

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.