

CTB 10

ACCEPTED  
EPA REG. NO. 100-10000  
In a Letter Dated:

007... 1982

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act

49514-5

**ACTIVE INGREDIENT:**

Poly(oxyethylene (dimethylamino) ethylene-  
(dimethylamino) ethylene dichloride) ..... 10.0 %

**INERT INGREDIENT** ..... 90.0 %

This product contains 0.85 lb. of active ingredient per gallon and weighs 8.49 lb. per gallon.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing.

**FIRST AID:** If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Keep out of lakes, streams, or ponds. Permits may be required for discharges containing this pesticide into lakes, streams, ponds, or public water. For guidance, contact the regional office of the Environmental Protection Agency.

**DIRECTIONS FOR USE  
GENERAL CLASSIFICATION**

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

CTB 10 is used to control algae, bacteria, and fungi in recirculating commercial and industrial water cooling towers. Prior to its use, systems must be cleaned to remove algal growth, microbiological slimes, and other deposits. An initial slug addition of 6.13 to 15.32 fluid ounces of CTB 10 per 1000 gallons of water to provide a concentration of 48 to 120 parts per million of CTB 10, based on the total weight of water in the system, is recommended. Repeat initial dosage until control is evident.

Subsequent slug additions of 1.53 to 15.32 fluid ounces of CTB 10 per 1000 gallons of water (12 to 120 parts per million of CTB 10) should be employed every 2 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of water cooling towers.

CTB 10 is used to control bacteria in industrial air-washing systems that maintain effective mist eliminating components. Prior to its use, systems should be cleaned to remove bacterial slimes and other deposits. An initial slug dose of 24.7 to 41.2 fluid ounces of CTB 10 per 1000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 16.9 to 41.2 fluid ounces of CTB 10 per 1000 gallons of water should be employed each 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be made to the sump or to the water collection trays of the airwash system.

**STORAGE & DISPOSAL:** Keep container closed when not in use. Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment. Residue that cannot be used or reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Open dumping is prohibited.

- METAL CONTAINERS:** Triple rinse and offer for recycling, reconditioning, or disposal in an approved landfill or bury in a safe place.
- PLASTIC CONTAINERS:** Do not reuse empty container. Triple rinse and incinerate or dispose of in an approved landfill or bury in safe place.

Manufactured by:  
Southern Testing & Engineering  
P. O. Box 513  
Havana, FL 32333

EPA REG. NO. \_\_\_\_\_ EPA EST. NO. \_\_\_\_\_

NET CONTENTS \_\_\_\_\_

A stamped copy of the label is enclosed for your records.



J. A. E. Castillo  
Product Manager (32)  
Disinfectants Branch  
Registration Division (OP18-767)

Enclosures

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

**DANGER:** Corrosive. May cause severe skin irritation or chemical burns to broken skin. Causes irreversible eye damage. May be fatal if swallowed. Avoid breathing vapors. Do not get in eyes, on skin or on clothing. Wear goggles or face shield or safety glasses and rubber gloves when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Ventilate poorly ventilated areas as soon as possible. Do not return until odors have disappeared.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Keep out of lakes, streams or ponds. Treated effluent cannot be discharged into lakes, streams, ponds or public waters unless a discharge permit is obtained. For guidance, contact the regional office of the Environmental Protection Agency.

**PHYSICAL AND CHEMICAL HAZARDS: STRONG OXIDIZING AGENT:** Mix only with water according to label directions. Mixing this product with gross filth such as feces, urine, etc. or with ammonia, acids, detergents or other chemicals will release hazardous gases irritating to eyes, lungs and mucous membranes.

Distributed by: **Hall's Nurseries and Hardware** (717) 771-9406  
5645 Sanding Blvd.  
Jacksonville, Florida 32210

EPA REG. NO.

EPA EST. NO.

NET CONTENTS

DATE PACKAGED

NOT FOR USE AFTER



**HALL'S**  
Nurseries & Hardware  
5645 Sanding Blvd. 5645 Sanding Blvd.  
Jacksonville, Florida 32210 Jacksonville, Florida 32210  
771-6330 771-1230

**CHLORINATING  
SOLUTION**

**ACTIVE INGREDIENT**  
SODIUM HYPOCHLORITE 24%

**KEEP OUT OF REACH OF CHILDREN DANGER**

**FIRST AID:** If on skin, wash with plenty of soap and water. If in eyes, flush with plenty of water for at least 15 minutes. Get Medical Attention. If swallowed, drink large quantities of water, egg whites, gelatin solution or if not available, drink large quantities of water. Avoid Alcohol. Do not give emesis or other acids. Get prompt Medical Attention. Do not induce vomiting. **Note:** If possible, probable mucosal damage may contraindicate the use of gastric lavage.

**DIRECTIONS FOR USE  
GENERAL CLASSIFICATION**

Use as a disinfectant of toilet bowls to kill the bacteria in a space contaminated with germs.

**Directions for a 1000 ppm Chlorine Solution**

1. Prepare solution by adding 1/2 cup (125 ml) of solution to 100 gallons of water. They should be prepared in a clean container.

2. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

3. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

4. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

5. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

6. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

7. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

8. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

9. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

10. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

11. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

12. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

13. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

14. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

15. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

16. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

17. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.

18. Use solution to disinfect toilet bowls. Flush toilet bowl with solution. Repeat until solution is clear.