

96.10.17

H-900 MICROBIOCIDE

Bromo-Chloro-Dimethylhydantoin

TABLETS

A BACTERICIDE, ALGICIDE AND SLIMICIDE,  
FOR TREATING INDUSTRIAL RECIRCULATING COOLING WATER

COMMERCIAL

REGISTRATION NO. 24679

PEST CONTROL PRODUCTS ACT

GUARANTEE:

1 -Bromo-3-Chloro-5,5-Dimethylhydantoin 92.5%

KEEP OUT OF REACH OF CHILDREN

DANGER

CORROSIVE AND STRONG OXIDIZER

CORROSIVE TO EYES

WARNING POISON

CAUTION CORROSIVE

NET WEIGHT: 181 Kg (400 Lb.)

READ THE LABEL BEFORE USING

EACH TABLET WEIGHS 24 G.

OXIDIZING SUBSTANCE, SOLID, N.O.S.  
(1-Bromo-3-Chloro-5, 5-Dimethylhydantoin)  
5.1, 9.2 UN 1479 II 5.1

CALGON CORPORATION  
27 FINLEY ROAD  
BRAMALEA, ONTARIO  
L6T 1B2

6696-R5C/09-96

Made in U.S.A.

PRECAUTIONS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER! Corrosive, Causes irreversible eye damage and skin burns. Eye contact may cause loss of vision, irritating to nose and throat. May be fatal if inhaled. Harmful if absorbed through skin or swallowed.

Do not breathe dust or spray mist. Do not get in eyes, on skin or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear goggles with side shields, face shield or safety glasses; protective clothing and rubber gloves. Wear a mask or pesticide respirator jointly approved by Mine Safety and Health Administration and the National Institute for Occupational Safety and Health. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### FIRST AID:

If swallowed: Drink promptly large quantities of water. Do not induce vomiting. Avoid alcohol. Call a physician or Poison Control Centre immediately.

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Get prompt medical attention.

If on skin: Brush off excess chemical and wash with soap and water for at least 15 minutes. If irritation persists, get medical attention.

If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention immediately.

#### TOXICOLOGICAL INFORMATION:

Probable mucosal damage may contraindicate the use of gastric lavage.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters.

#### CHEMICAL AND PHYSICAL HAZARDS

Strong oxidizer, mix with water only. Reaction with combustible organic materials, bases, moisture or with oxidizers may generate heat, hazardous gases and, possibly, fire or explosion. Do not add to dispensers or other equipment that is not dry and clean of any chemical remnants. Does not burn, but will decompose, from about 160°C, releasing toxic gases. Avoid comminution and dusting.

SPECIAL PRECAUTIONS, PLEASE READ BEFORE OPENING CONTAINER MISUSE MAY RESULT IN SERIOUS PERSONAL INJURY REQUIRING HOSPITALIZATION, RELATED COMPLICATIONS MAY LEAD TO DEATH.

PREVENTION OF PHYSICAL INJURY:

1. This product emits a powerful bromine gas; Do not open container indoors. Hold away from face when opening to avoid breathing fumes.
2. Mixing with other chemicals may cause a violent and instantaneous chemical reaction; Do not add water to this product. Do not add this product to water in a pail.
3. Follow label instructions exactly. Do not take advice from others. Do not experiment.

PREVENTION OF PROPERTY DAMAGE:

contact between this product in its undissolved state and vinyl liners, painted surfaces or other properties will result in permanent bleaching of the colour.

DO NOT SHIP WITH FOOD, FEED, DRUGS OR CLOTHING.

DIRECTIONS FOR USE

INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS

Used effectively at dosages recommended to achieve exposures to one part per million (ppm) of "active" residual bromine to control algal and bacterial slimes in industrial cooling towers; influent water systems and flow-through filters and heat-exchange water systems.

DOSAGE RATES:

Initial dose: When noticeably fouled, add 240-720 g/10,000 litres of water contained in the system. Repeat initial dosage until one ppm of "active" residual bromine is established for at least 4 hours. Subsequent dose: When microbial control is evident, add 120-360 g/10,000 litres of water contained in the system. Repeat as needed to maintain one ppm of "active" residual bromine for at least 4 hours.

USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. DO NOT SMOKE, DRINK OR EAT WHEN HANDLING. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. DO NOT SHIP WITH FOODS, FEEDS, DRUGS OR CLOTHING.

STORAGE AND DISPOSAL

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

1. Rinse the emptied container thoroughly and add the rinsings to treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal or reconditioning.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills contact the Provincial Regulatory Agency or the Manufacturer.

IN CASE OF FIRE: Do not use ammonium phosphate extinguisher near water and this product. Hazardous reactions may occur.

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

For additional information regarding incidents involving human and environmental exposure, call 412/494-8000 and ask for the Health and Environmental Affairs Department.

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