

24-AUG-2004

AQUAGUARD 610

FOR CONTROL OF ALGAL, BACTERIAL AND FUNGAL SLIMES IN
RECIRCULATING COOLING WATER SYSTEMS, AND PULP AND PAPER
SYSTEMS

COMMERCIAL

READ THE LABEL BEFORE USING

GUARANTEE:

1-Bromo-3-chloro-5,5-dimethylhydantoin 96.0%

REGISTRATION NO. 27794
PEST CONTROL PRODUCTS ACT

DANGER
POISON CORROSIVE

WARNING
CORROSIVE TO EYES

NET CONTENTS:

GUARDIAN CHEMICALS INC.

155 Estate Way W4 Industrial Park
Fort Saskatchewan, Alberta
T8L 2N9
Phone (780) 998-3771

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.

DIRECTIONS FOR USE

RECIRCULATING COOLING WATER SYSTEMS. When used as directed, AQUAGUARD 610 effectively controls algal, bacterial and fungal slimes in commercial and industrial cooling towers; influent water systems such as flow through filters and lagoons; heat exchange water systems, industrial water scrubbing systems, brewery pasteurizer; and industrial air washing systems equipped with a mist eliminator.

DOSAGE RATES: Initial Dose. When system is noticeably fouled, add 0.25-0.75 kg/10,000 L of water contained in the system. Repeat initial dosage until at least 1 mg/L bromine residual is established for 4 hours. Subsequent Dose. When microbial control is evident, add 0.1-0.4 kg/10,000 L of water contained in the system. Repeat as needed to maintain at least 1 mg/L bromine residual in the water for at least 4 hours.

PULP AND PAPER MILLS. This product effectively controls algal, bacterial, and fungal slime in pulp and paper mill fresh and sea water influent water systems; cooling water systems, service water systems, white water systems, and other process. Treat water at critical areas in the system process where mixing of the product with influent will be uniform. The frequency and duration of the treatment will depend upon the severity of the problem. Badly fouled process systems must be cleaned before initial treatment.

TREATMENT BY SYSTEM VOLUME. Add up to 0.31 kg of this product to 10,000 L, or 32 parts per million, of water in the system.

TREATMENT BY RESIDUAL METHOD. Add sufficient amount of this product to maintain a measured residual up to 5 ppm as bromine. Once biological control is evident, the use of this product normally can be reduced to something less than 1 ppm as bromine. An alternate method of calculating the appropriate level of this product is to estimate the paper mill's daily production, then add, over a 24 hour period, up to 600 grams of this product per dry tonne of paper produced over a twenty-four (24) hour period. Test for bromine to verify the level of 5 ppm is not being exceeded.

Note: Not intended for use in potable water systems.

NOTICE TO BUYER

Seller's guarantee shall be limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves when handling this product. Irritating to nose and throat. Avoid breathing dust and fumes. Remove and wash contaminated clothing before reuse.

FIRST AID

If contact with eyes occurs: Immediately flush with cold water for at least 15 minutes. Then get immediate medical attention.

If contact with skin: Brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention.

If inhaled: Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If not breathing, give artificial respiration. Call a physician immediately.

If swallowed: Drink large amounts of water. DO NOT induce vomiting. Avoid alcohol. Never give anything by mouth to an unconscious person. Call a physician or poison control centre IMMEDIATELY.

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

TOXICOLOGICAL INFORMATION: Probable mucosal damage may contraindicate the use of gastric lavage.

DISPOSAL

1. Triple or pressure rinse the emptied container and add the rinsing to treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the 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 contact the manufacturer or the provincial regulatory agency.

Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

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