

2019-0466
2019-09-30

MAGNATROL 49S

MICROBIOCIDAL TABLETS

REGISTRATION NO. : 27795

PEST CONTROL PRODUCTS ACT.

NET CONTENTS: kg

COMMERCIAL

WARNING



POISON

CORROSIVE

DANGER – CORROSIVE TO EYES AND SKIN

POTENTIAL SKIN SENSITIZER

READ THE LABEL BEFORE USING

ACTIVE INGREDIENTS :

Available Chlorine, present as 1-Bromo-3-chloro-5,5-dimethylhydantoin and related hydantoins...28.6%.

Available Bromine, present as 1-Bromo-3-chloro-5,5-dimethylhydantoin and related hydantoins...65%.

For control of algal bacterial and fungal slimes in recirculating cooling water systems and pulp and paper systems.

 **Magnus**[®]

MAGNUS CHEMICALS LIMITED

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DIRECTIONS FOR USE:

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes. **DO NOT** discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters. **DO NOT** use this product in the production of paper or paperboard that will come into contact with food.

RECIRCULATING COOLING WATER SYSTEMS :

When used as directed, **Magnatrol 49S** 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 pasteurizers; 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 water. 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.

DOSAGE RATES: 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 metric ton 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.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the treatment site.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulator agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills

TOXICOLOGICAL INFORMATION: Probable mucosal damage may contraindicate the use of gastric lavage. Treat symptomatically. This product is corrosive to skin and eyes and may produce a sensitization response or allergic reaction in some individuals.

PRECAUTIONS :

KEEP OUT OF REACH OF CHILDREN

Corrosive to eyes and skin. Do not get in eyes or on skin. Potential skin sensitizer. Harmful or fatal if swallowed. May be fatal if inhaled. Avoid breathing dust. Wear long pants, a long-sleeved shirt, chemical-resistant gloves and goggles or a face shield when cleaning equipment and handling this product. Remove and wash contaminated clothing before reuse.

For pulp and paper uses, wear coveralls in addition to all other required personal protective equipment while placing the product.

FIRST AID:

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IF SWALLOWED : Call a poison control centre or doctor immediately for treatment advice. Have a 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.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. 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. If irritation or other adverse effects develop, wash with soap and water immediately. Call a poison control centre or doctor for treatment advice. Seek medical attention if symptoms persist.

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.

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

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offense under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.