

Notification Change

SPECTRUM® XD8904-DEL
MICROBICIDE FOR CONTROL OF BACTERIA, FUNGI AND ALGAE IN RECIRCULATING
COOLING WATER SYSTEMS AND AIRWASHERS
COMMERCIAL
DANGER



DANGER POISON



CAUTION CORROSIVE

POISON **CORROSIVE**
POTENTIAL SKIN SENSITIZER
READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN

GUARANTEE:
1,3-dichloro-5,5-dimethylhydantoin.....81.1%
1,3-dichloro-5-ethyl-5-methylhydantoin.....16.1%
Minimum Available chlorine.....68.0%

REGISTRATION NO. 28242
PEST CONTROL PRODUCTS ACT
NET CONTENTS _____ Kg

HERCULES CANADA INC.
3451 Erindale Station Road, Mississauga, Ontario L5C 2S9
Business Telephone: 905-279-3338 – Emergency Telephone: (905) 848-8888

FOR INDUSTRIAL USE ONLY: Technical advice regarding specific site problems is available from HERCULES CANADA INC.

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.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. HARMFUL or FATAL IF SWALLOWED OR INHALED. HIGHLY CORROSIVE. DO NOT TAKE INTERNALLY. Causes eye and skin damage. Irritating to nose and throat. Avoid breathing dust. Use with adequate ventilation. Do not get into eyes, on skin or clothing. Wear chemical resistant coveralls over long sleeved shirt and long pants, goggles, chemical resistant gloves, socks and chemical resistant footwear during mixing, loading, clean up and repair. Wash thoroughly after handling. Immediately remove contaminated clothing and wash before reuse.

FIRST AID:

For eye contact, flush eyes with large amounts of running water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. If physician is not available, flush for additional 15 minutes. Get immediate medical attention.

For skin contact, immediately wipe away excess material with a dry cloth while removing contaminated clothing and shoes. Under a safety shower, wash affected areas thoroughly with large amounts of water and soap if available, for at least 15 minutes. Get immediate medical attention. Discard or decontaminate clothing and shoes.

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If inhaled, remove from area to fresh air. If not breathing, clear airway and start mouth-to-mouth artificial respiration or use a bag-mask respirator. Get immediate medical attention. If victim is having trouble breathing, transport to medical care and if available give supplemental oxygen. If swallowed immediately give several glasses of water. DO NOT INDUCE VOMITING. If vomiting occurs, give fluids again. Have physician determine if patient's condition allows induction of vomiting or evacuation of stomach. Do not give anything by mouth to an unconscious or convulsing person. Get immediate medical attention or contact poison control centre. 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.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish and aquatic invertebrates. Do not discharge the effluents containing this product directly into lakes, streams, ponds, rivers, estuaries, oceans, or public waters. Treat the effluents in a Waste Water Treatment system before release. Do not contaminate these waters by direct application, cleaning of container and equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS:

Strong oxidizing agent. Mix only with water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire and explosion. Contamination with moisture, organic matter or other chemicals may start a chemical reaction with fire and explosion. In case of contamination or decomposition do not reseal container. If possible, isolate container in open air or well ventilated area, if necessary flood with large volumes of water.

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 disposal.
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, 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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DIRECTIONS FOR USE:

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RECIRCULATING COOLING WATER SYSTEMS

Spectrum XD8904 aids in the control of bacterial, fungal and algal slimes in evaporative condensers, heat exchange water towers, influent systems such as flow through filters, lagoons etc., industrial water scrubbing systems. This product may be added to the systems either continuously or intermittently or as needed. The frequency of feeding and duration of the treatment will depend upon the severity of the problem. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

FOR CONTROL OF BACTERIA AND FUNGI INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add 60 to 600 gms to 5000 Litres or 12 to 120 parts per million of the water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When microbial control is evident add 60 to 450 gms to 5000 Litres or 12 to 90 parts per million of water in the system every 3 days or as needed to maintain control.

CONTINUOUS FEED METHOD

INITIAL DOSE: When a system is noticeably fouled, add 60 to 600 gms to 5000 Litres or 12 to 120 parts per million of water in the system. SUBSEQUENT DOSE: Continuously feed to maintain a dosage of 60 to 450 gms to 5000 Litres or 12 to 90 parts per million of water in the system.

FOR CONTROL OF ALGAE INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled add 60 to 600 gms per 5000 Litres or 12 to 120 parts per million of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When algae control is evident add 60 to 450 gms to 5000 Litres daily or 12 to 90 parts per million daily or as needed to maintain control.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled add 60 to 600 gms to 5000 Litres or 12 to 120 parts per million of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: Continuously feed to maintain a dosage of 60 to 450 gms to 5000 Litres or 12 to 90 parts per million of water in the system.

AIRWASHERS -DEL

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For use only in industrial airwasher systems that maintain effective mist eliminating components. Spectrum XD8904 controls slime forming bacteria, fungi and algae in industrial airwasher systems. Add Spectrum XD8904 at the rate of 60 to 600 gms (12 to 120 ppm) per 5000 Litres of water in the system, depending upon the severity of the contamination. Control the application by measuring the free chlorine residual in the treated water. There is no need to exceed 1.0 ppm as free chlorine. Badly fouled systems must be cleaned before treatment is begun.

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When system is noticeably fouled add to airwasher sump or chill water sump to insure uniform mixing. Add 60 to 600 gms to 5000 Litres or 12 to 120 parts per million of water. SUBSEQUENT DOSE: When microbial control is evident add 60 to 360 gms to 5000 Litres or 12 to 72 parts per million of water.

CONTINUOUS FEED METHOD

INITIAL DOSE: When system is noticeably fouled add to air washer sump or chill water sump to insure uniform mixing. Add 60 to 600 gms to 5000 Litres or 12 to 120 parts per million of water. SUBSEQUENT DOSE: When microbial control is evident add 60 to 360 gms to 5000 Litres or 12 to 72 parts per million.

MANUFACTURED FOR HERCULES CANADA INC.

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