

MAGNATROL 465A
MICROBIOCIDAL SOLUTION

REGISTRATION NO. : 26465
PEST CONTROL PRODUCTS ACT.

COMMERCIAL
DANGER



CORROSIVE

READ THE LABEL BEFORE USING

GUARANTEE:
Glutaraldehyde 15.0%

DESCRIPTION: A microbiocide for use to kill myxobacteria, sulfate reducing bacteria, and algae in air washers and industrial scrubbing systems, service water and auxiliary systems, recirculating cooling and process water systems including those that contain reverse osmosis membranes and wastewater systems including wastewater sludge and holding tanks.

NET CONTENTS : _____

PRODUCT CODE
MTL 465A
EMERGENCY CONTACT (24HOURS PER DAY) :
CANUTEC: (613) 996-6666

 **Magnus**[®]
MAGNUS CHEMICALS LIMITED
1271 Ampère
Boucherville QC J4B 5Z5
Tel: 450-655-1344

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on this 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. The user assumes the risk of injury to persons or property that arises from any such use of the product.

DIRECTIONS FOR USE

DO NOT open pour more than 20 L of concentrate per day. Use an automatic addition system if more than 20 L of concentrate per day are transferred.
DO NOT contaminate irrigation or drinking water supply 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.

AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS/ RECIRCULATING COOLING AND PROCESS WATER SYSTEMS

This product may be used only in industrial air washers and air washer systems which have mist-eliminating components. Magnatrol 465A should be added at the application rates described below, to a water treatment system at a convenient point of uniform mixing such as the basin area. Additions may be made intermittently (SLUG DOSE) or continuously. Badly fouled systems can be shock treated with Magnatrol 465A. Under these conditions, blowdown should be discontinued for up to 24 hours. Magnatrol 465A can be used in industrial process water systems that contain ultra filtration units and non-medical reverse osmosis membranes (where approved for compatibility by the membrane manufacturer) and associated distribution systems,

INTERMITTENT (SLUG DOSE) METHOD

Initial dose: When the system is noticeably fouled, apply 333 mL to 1.3 L of Magnatrol 465A per 1000 Liters of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 100 mL to 333 mL of Magnatrol 465A per 1000 Liters of water in the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, apply 333 mL to 1.3 L of Magnatrol 465A per 1000 Liters of water in the system. Subsequent Dose: Maintain this treatment level by starting a continuous feed of 50 mL to 333 mL of Magnatrol 465A per 1000 Liters of water in the system per day. Badly fouled systems must be cleaned before treatment is begun.

SERVICE WATER AND AUXILIARY SYSTEMS

Magnatrol 465A should be used at the same application rates, and in the same manner as described above. It should be added at a point that will allow for uniform mixing throughout the system.

HEAT TRANSFER SYSTEMS

(Evaporative Condensers, Dairy Soft Water Systems, Hydrostatic Sterilizers and autoclaves, and Pasteurizers and Warmers open recirculating Cooling Systems) Magnatrol 465A should be used at the same application rates, and in the same manner as described above. It should be added to the system at a point of uniform mixing such as a basin area, sump area, or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system,

INDUSTRIAL WASTE WATER SYSTEMS

(Wastewater Systems, Wastewater Sludge and Wastewater Holding Tanks) Magnatrol 465A should be added to a wastewater system or sludge at a convenient point of uniform mixing such as the digester. Add 1.5 to 7.5 Liters (1500 to 7500 ppm Magnatrol 465A) per 1000 Liters of wastewater or sludge.

PRECAUTIONS

DANGER TO HUMANS

DANGER

KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes irreversible eye damage. Causes skin irritation.

Harmful if inhaled, Harmful or fatal if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes asthmatic signs and

symptoms in hyper-reactive individuals. Do not get in eyes, on skin, on clothing. Do not inhale fumes or vapor. Do not swallow.

When handling the concentrate and during cleaning, maintenance and repair activities on contaminated equipment, wear coveralls over a long-sleeved shirt and long pants, socks, shoes and chemical resistant gloves, face shield. Wash thoroughly with soap and water after handling. Use only in well ventilated area. Remove contaminated clothing and shoes and wash them before reuse.

FIRST AID

IF SWALLOWED : Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

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 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.

TOXICOLOGICAL INFORMATION

Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed. Treat symptomatically.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms. It should not be used in circumstances that would bring in or allow lakes, streams, ponds, estuaries, oceans or other waters in violation of the federal or provincial standards. The conditions applicable laws should be determined before using the product. Do not discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters.

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.

STORAGE AND HANDLING

Magnatrol 465A solutions are incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin and zinc. These solutions can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about -6.5°C. Therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage times (up to about 1 month), temperatures of up to 38°C can be tolerated but the preferred maximum storage temperature is about 27°C. A stainless steel centrifugal pump is suggested for transfer service. Spiral wound stainless steel with TEFLON IS suitable for gaskets and packing. To prevent contamination, store this product away from food and feed.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.