

2012-2367
2013-01-21

SM INDUSTRIAL BIOCIDES

LIQUID MICROBICIDE

INDUSTRIAL

READ LABEL BEFORE USING

**REGISTRATION NO. : 30780
PEST CONTROL PRODUCTS ACT**

GARANTEE:

poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylenedichloride] 60.7 %



NET CONTENT: xxx

Sani Marc
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1-819-758-2889

ENVIRONMENTAL HAZARDS: This product is toxic to fish and other aquatic organisms. Keep out of lakes, streams or ponds. Do not contaminate water, food, or feed by storage or disposal.

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. The user assumes the risk to persons or property that arises from any such use of this product.

DIRECTIONS FOR USE

Not to be added to potable water systems.

DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans, and other waters.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT use in decorative fountains with fish.

Swimming pools, spas, hot tubs and decorative fountains: For maximum effectiveness, **pools containing a heavy growth of algae** should be cleaned prior to starting the use of SM INDUSTRIAL BIOCIDE. Pools having just visible algae growth (greenish cast to the water or black or green spots on the walls and bottoms) should be treated with 75 to 125 ml of SM INDUSTRIAL BIOCIDE per 10,000 liters of water (7.5 - 12.5 ppm). Then about 24 hours later, the algae debris should be removed by standard cleaning procedures, including brushing loose algae spots, vacuuming the pool, and backwashing the filter. **For treatment of a freshly cleaned and filled pool**, add initially 50 to 75 ml of SM INDUSTRIAL BIOCIDE per 10,000 liters of water (5 - 7.5 ppm). To maintain pools free of visible algae growth, they should be treated with 15 to 30 ml of SM INDUSTRIAL BIOCIDE per 10,000 liters of water (1.5 - 3 ppm) every 5 - 7 days after the initial treatment. Uniform distribution of SM INDUSTRIAL BIOCIDE throughout the water in the pool is necessary for maximum effectiveness of the product.

SM INDUSTRIAL BIOCIDE is compatible with those chemicals normally used to treat pools and is effective at both acid and alkaline pH. SM INDUSTRIAL BIOCIDE can be used in pools treated with chlorine chemicals and may reduce the amount of those chemicals normally required. However, do not mix SM INDUSTRIAL BIOCIDE with concentrated dry or liquid chlorine products.

Industrial and Commercial Cooling Water Systems: Prior to treatment with SM INDUSTRIAL BIOCIDE, it is recommended that the system be thoroughly cleaned to remove all old algal growths, microbiological slime, and other deposits. The system should then be drained, flushed and charged with fresh water, with SM INDUSTRIAL BIOCIDE treatment following suit. To treat recirculating systems, an initial slug addition equivalent to 70 to 200 ml of SM INDUSTRIAL BIOCIDE per 10,000 liters of water (7 to 20 ppm) should be used. Repeat initial dosage until control is evident. Subsequent slug additions supplying 20 to 200 ml of SM INDUSTRIAL BIOCIDE per 10,000 liters of water (2 to 20 ppm) should be made every 2 to 5 days or as needed. The required frequency of addition will depend upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of cooling towers.

Air Wash Systems: Before treatment with SM INDUSTRIAL BIOCIDE, the system should be thoroughly cleaned to remove bacterial slime and other deposits. It should then be refilled and treated with a slug addition of 300 to 500 ml of SM INDUSTRIAL BIOCIDE per 10,000 liters of water (30 to 50 ppm). Subsequent additions of 200 to 500 ml of SM INDUSTRIAL BIOCIDE per 10,000 liters of water (20 to 50 ppm) should be employed every 1 to 5 days. Addition requirements will vary depending on the severity of the microbiological problem. Air Wash systems treated with SM INDUSTRIAL BIOCIDE should be equipped with mist eliminators.

PRECAUTIONS

DANGER

KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid contact with skin, eyes, clothing and contamination of food. Wear a long-sleeved shirt and long pants, chemical safety goggles, chemical resistant gloves during handling, clean-up and repair activities. In addition, a chemical resistant apron is required for workers handling end-use products in industrial settings. Wash thoroughly after handling. Immediately remove contaminated clothing and wash before reuse. Do not mix with any other chemical.

FIRST AID

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

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.

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 further treatment advice.

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have 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.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

DISPOSAL

1. Triple or pressure-rinse the empty container. Add the rinsing to the treatment site.
2. Follow provincial instructions 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 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.