

11-JAN-1999

NALCO CANADA INC.
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FORMULA

MMD-3480

LIQUID SLIMICIDE FOR INDUSTRIAL AND FOOD PLANT USE

GUARANTEE:

2-Methyl-4-isothiazolin-3-one..... 0.39%
5-Chloro-2-methyl-4-isothiazolin..... 1.16%

REGISTRATION No: 18313
PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

NOT FOR USE IN POTABLE WATER SYSTEMS

WARNING CORROSIVE

NET CONTENTS:

TO PREVENT ALGAE SLIME & FUNGI IN RECIRCULATING COOLING WATER,
CLOSED LOOP SYSTEMS, AIR WASHER EVAPORATIVE CONDENSERS, BREWERY
PASTEURIZERS AND OTHER APPLICATIONS.

DIRECTIONS FOR USE: COOLING TOWERS AND CLOSED LOOP SYSTEMS:
Formula MMD-3480 is recommended for the removal of slime from
fouled towers, add 1.5 to 8.8 kg of Formula MMD-3480 as supplied
per tonne of water in the system (equivalent to about 2 to 13 ppm
active ingredient). This dosage should be repeated 2 to 3 times
per week until fouling has been reduced to an acceptable level
thus establishing microbial control. Formula MMD-3480 should be
added to the basin, to the distribution boxes, or at any point
where it will be rapidly and uniformly dispersed throughout the
system.

BREWERY PASTEURIZERS: INITIAL DOSE: When the system is noticeably fouled, apply 1.5 to 8.8 kg of Formula MMD-3480 per 10,000 L of water in the system. SUBSEQUENT DOSE: When microbial control is evident, add 0.3 to 2.1 kg of formula MMD-3480 per 10,000 L of water in the system weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

PULP AND PAPER: MMD-3480 is recommended for the control of bacterial and fungal slime in the production of paper. MMD-3480 should be added at a point in the system to insure uniform mixing such as the Beater, Hydropulper or Fan or Broke Storage Pump. DOSE: Apply 0.2 to 0.7 kgs of MMD-3480 as supplied per tonne (dry basis) of pump or paper produced, as a slug dose. If needed repeat daily. Badly fouled systems should be cleaned before initial treatment. One litre of MMD-3480 weights 1.05 kg.

AIR WASHERS: Add to the air washer sump or chill water sump, to insure uniform mixing, 0.35 to 8.83 kg of Formula MMD-3480 as supplied per 10,000 L of water in the system (about 0.50 to 13.0 ppm active ingredient) depending upon the severity of contamination to control bacteria, fungi and algae which cause fouling in industrial air washer systems.

PRECAUTIONS: May cause allergic skin reaction. Danger - corrosive to eyes and causes skin burns. May be harmful if inhaled. May be fatal if swallowed or absorbed through the skin. Do not get in eyes, on skin, on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapour or mist. Do not take internally. Wash thoroughly after handling. Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. If plastic, do NOT reuse empty container.

ENVIRONMENTAL HAZARDS: This product is toxic to fish and wildlife. Treated effluent should not be discharged where it will drain into lakes, streams, ponds or public water. Do not contaminate water by cleaning of equipment or disposals of waters. Apply this product only as specified on this label.

DISPOSAL:

1. Rinse the emptied container thoroughly and add the rinsings to the treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal or reconditioning.
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

and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

FIRST AID INSTRUCTIONS - IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Get immediate attention. IF ON SKIN: Wash with plenty of soap and water. Remove and wash contaminated clothing before reuse. IF SWALLOWED: DO NOT INDUCE VOMITING. Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Seek medical attention or contact a poison control centre with urgency. IF INHALED: Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician.

TOXICOLOGICAL INFORMATION: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

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.

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