

94.07.19

BETZ

BIO-TROL 107

SLIME CONTROL AGENT

COMMERCIAL

DANGER

POISON

CORROSIVE

READ THE LABEL BEFORE USING

GUARANTEE:

Glutaraldehyde 45%

REGISTRATION NO. 23452

PEST CONTROL PRODUCTS ACT

NET WEIGHT AS MARKED ON CONTAINER

BIO-TROL 107

AGENT DE LUTTE CONTRE LA FORMATION

DE FILMS BIOLOGIQUES

INDUSTRIEL

DANGER

POISON

CORROSIF

LIRE L'ETIQUETTE AVANT L'EMPLOI

GARANTIE:

Glutaraldehyde45%

NO. D'ENREGISTREMENT 23452

LOI SUR LES PRODUITS ANTIPARASITAIRES
POIDS NET TEL QU'INDIQUE SUR LE CONTENANT

BETZ INC
3026 Solandt
Kanata, Ontario
K2K 2A5

PRECAUTIONS: DANGER. KEEP OUT OF REACH OF CHILDREN.
Corrosive. Causes irreversible eye damage. Causes skin burns.
Harmful if inhaled. May be fatal if swallowed. Harmful if
absorbed through skin. May cause allergic skin reaction.

Do not get in eyes, on skin, or on clothing. Avoid breathing
vapor. Do not swallow. Wear goggles, protective clothing and
rubber gloves. Wash thoroughly with soap and water after
handling. Remove contaminated clothing and wash before reuse.

FIRST AID:

IF IN EYES: Immediately flush with plenty of water for at least
15 minutes. Get immediate medical attention.

IF ON SKIN: Immediately wash with plenty of soap and water. Get
medical attention.

IF INHALED: Remove to fresh air. If breathing is difficult,
administer oxygen. If symptoms persist, call a physician.

IF SWALLOWED. DO NOT INDUCE VOMITING. Do not give anything to
drink. Seek medical advice with urgency.

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.

DISPOSAL:

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

3. Dispose of the container in accordance with provincial requirements.
4. For information on the disposal on unused, unwanted product and the cleanup of spills contact the regional office of Environment Canada.
5. For small spills. Recover free liquid. Soak up residue with solids absorbent. DO NOT FLUSH INTO SURFACE STREAMS. INFORM ENVIRONMENT CANADA AS IN #4.

STORAGE AND HANDLING: 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 -17°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.

DIRECTIONS FOR USE

This product may be used in controlling slime forming bacteria, sulfate reducing bacteria and algae in air washer systems, and in recirculating water cooling towers and systems, including pasteurizer cooling water systems and industrial closed recirculating process water systems.

AIR WASHERS AND RECIRCULATING COOLING WATER SYSTEMS

This product may be used only in industrial air washers and air washer systems that have mist-elimination components. This product 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 this product. Under these conditions, blowdown should be discontinued for up to 24 hours.

INTERMITTENT (SLUG DOSE) METHOD

INITIAL DOSE: When the system is noticeably fouled apply 500 mL - 1000mL of product per 5000 litres of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 200 mL - 500 mL of this product per 5000 litres of water to the system weekly or as needed to maintain control.

Badly fouled systems should be cleaned before treatment is begun.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, apply 500 mL - 1000 mL of this product per 5000 litres of water in the system.

SUBSEQUENT DOSE: Maintain this treatment level by starting a continuous feed of 100 mL - 500 mL of this product per 5000 litres of water in the system per day.

Badly fouled systems should be cleaned before treatment is begun.

PASTEURIZER COOLING WATER SYSTEMS

AVOID CONTAMINATION OF FOOD IN THE APPLICATION OF PRODUCT

This product should be used at the same application rates and in the same manner as described above. It should be added to the closed recirculating system at a convenient 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 pasteurizer cooling system.

FOR INDUSTRIAL USE ONLY. Technical advice regarding specific site problems is available from BETZ.

NOTICE TO USER: This control product is to be used 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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