

16-NOV-1998

CALGON  
CORPORATION

METASOL (R) CB-220

LIQUID SLIMICIDE

FOR CONTROLLING BACTERIA, FUNGI, AND YEASTS IN  
PULP AND PAPER MILLS. ALSO FOR THE PRESERVATION OF  
PIGMENT SLURRIES, ADHESIVES, COATINGS, EMULSIONS AND  
HIGH VISCOSITY SUSPENSIONS AND FOR PRESERVING  
AQUEOUS PAINTS, METALWORKING FLUIDS,  
WAXES AND POLISHES, AND INKS.

COMMERCIAL

READ THE LABEL BEFORE USING

GUARANTEE:

1,2-Dibromo-2,4-Dicyanobutane 20%

KEEP OUT OF REACH OF CHILDREN

DANGER

POISON                      CORROSIVE

REGISTRATION NO. 25679

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 1134 KG. (2500 LB.)

MANUFACTURED BY  
CALGON CORPORATION  
PO BOX 1346  
PITTSBURGH, PA 15230

FOR  
CALGON CANADA, INC.  
7895 TRANMERE DRIVE  
SUITE #213-214  
MISSISSAUGA, ONTARIO L5S 1V9

Made in the U.S.A.

## PRECAUTIONS

DANGER - CORROSIVE TO EYES

CAUSES EYE DAMAGE AND SKIN BURNS.

HARMFUL OR FATAL IF SWALLOWED.

POTENTIAL SKIN SENSITIZER.

DO NOT INHALE OR SWALLOW.

Do not get in eyes, on skin, on clothing.

Wear goggles or face shield and rubber gloves when handling.

Wash contaminated clothing thoroughly before reuse.

Do not contaminate feed or foodstuffs.

Wear long pants, a long sleeve shirt, an apron, goggles or a face shield and chemical resistant gloves when handling the product.

## FIRST AID:

**EYES:** In case of contact, flush eyes with water for at least 15 minutes. Get medical attention immediately.

**SKIN:** If on skin, wash with soap and water. Call a physician if irritation persists.

**INTERNAL:** If swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED:** Move to fresh air immediately.

## 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.

## NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

Information concerning human and environmental exposure may be reviewed on the Material Safety Data Sheet for the product. For additional information regarding incidents involving human and

environmental exposure, call Calgon Corporation, Health and Environmental Affairs at 412-494-8000.

#### DIRECTIONS FOR USE IN PAPER MILLS

For control of bacterial, fungal and yeast growth in pulp, paper and paperboard mills, add Metasol CB-220 at the rate of 50 mL-250mL (50-250 gm)/tonne of finished pulp or paper produced (dry basis). Addition may be continuous or intermittent, depending upon the type of system and the severity of contamination.

It should be fed with a metering pump at a location that will insure uniform distribution of Metasol CB-220 in the mass of fiber and water, such as the beaters, jordan inlet or discharge, broke chests, furnish chests, save-alls, and white-water chests.

It is preferable to clean a fouled machine before slimicide addition whenever possible.

#### METHOD OF ADDITION

Systems with a tendency to become severely fouled, or heavily fouled systems, should be thoroughly cleaned and then treated with Metasol CB-220 at a rate of 150 mL-250 mL (150-250 gm)/tonne of finished paper produced until control of the problem is achieved. Addition rates can then be reduced to a maintenance level.

Maintenance levels for systems conducive to slight or moderate fouling should be treated on an intermittent basis with Metasol CB-220 at a level of 50 mL- 250 mL (50-250 gm)/tonne of finished paper produced depending upon observed conditions.

#### FOR PRESERVATION OF PIGMENT SLURRIES, ADHESIVES, COATINGS, EMULSIONS, AND HIGH VISCOSITY SUSPENSIONS

DOSAGE: Metasol CB-220 is effective as a preservative at use of levels of 0.05-0.13% (w/w) based on the total formulation in slurries such as: starch, clay, calcium carbonate or titanium dioxide; paper coatings, high viscosity suspensions (e.g. polymers, sizing solutions); adhesives such as: polyvinyl alcohol/polyvinyl acetate based adhesives. The exact amount necessary for the preservation of any given formulation will depend on the components, storage time and temperature, etc. and can be determined by actual test. For these uses and for preservation of aqueous paints, metalworking fluids, waxes, polishes and inks, consult the Product Bulletin.

METHOD OF ADDITION:

For preservation of slurries and high viscosity suspensions, the material should be added at a point in the processing where there will be sufficient time and agitation for good dispersion.

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Keep container tightly closed.

DISPOSAL:

1. Rinse the emptied container thoroughly and add the rinsings to the treatment site.
2. Follow provincial/territorial instructions for any required additional cleaning of the container prior to its disposal or reconditioning.
3. Dispose of the container in accordance with provincial/territorial requirements.
4. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial/Territorial Regulatory Agency or the Manufacturer.

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