

91/96/2001E

Calgon Corporation  
Subsidiary of Merck & Co., Inc.

CALGON PBL-80

LIQUID SLIMICIDE

FOR CONTROLLING BACTERIA, FUNGI, AND YEASTS  
IN PULP AND PAPER MILLS ALSO

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

COMMERCIAL

GUARANTEE:

1,2-dibromo-2,4-dicyanobutane ..... 10%

REGISTRATION NO. 17318

PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

NET WEIGHT 218 Kg.

MANUFACTURED BY  
CALGON CORPORATION  
P.O. BOX 1346  
PITTSBURG, PA  
15230

FOR

CALGON CANADA INC.  
27 FINLEY ROAD  
BRAMALEA, ONTARIO  
L6T 1B2

Canadian Patent 967,880

Made in U.S.A.

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CORROSIVE

CAUSES EYE DAMAGE AND SKIN IRRITATION  
HARMFUL IF SWALLOWED

Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly after handling.

FIRST AID:

EYE: In case of contact, flush eyes immediately with water for at least 15 minutes and get medical attention. SKIN: In case of contact, wash with soap and water. If irritation persists, call a physician. Wash contaminated clothing before reuse.

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.

STORAGE AND DISPOSAL:

Keep container closed when not in use. Do not reuse empty container. Reseal and offer for reconditioning or dispose of in an approved landfill.

This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds, or public water.

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.

DIRECTIONS FOR USE

PAPER MILLS

For control of bacterial, fungal and yeast growth in pulp paper and paperboard mills, add Calgon PBL-80 at the rate of 0.1-0.5L (0.1- 0.5kg)/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 Calgon PBL-80 in the mass of fiber and water, such as the beaters, jordan inlet of 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 continuously with Calgon PBL-80 at a rate of 0.3-0.5L (0.3-0.5kg)/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 continuously or on an intermittent basis with Calgon PBL-80 at a level of 0.1-0.5L (0.1-0.5 kg)/tonne of finished paper produced depending upon observed conditions.

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

DOSAGE: Calgon PBL-80 is effective as a preservative at use levels of 0.1-0.25% (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; starch-based adhesives; dextrin-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.

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.

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