

Net Weight 525 Lbs. (238.13 Kg.)



**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS**

**DANGER!**

**ALKALINE SOLUTION  
MAY CAUSE BURNS  
CAUSES EYE AND SKIN DAMAGE  
HARMFUL IF SWALLOWED  
CONTACT WITH ACIDS MAY RELEASE TOXIC  
GAS  
STRONG OXIDIZER  
CONTACT WITH ORGANIC MATERIAL MAY  
CAUSE FIRE**

Do not get in eyes, on skin, or on clothing.  
Keep from contact with clothing and other combustible  
materials.

Keep from contact with acids.  
Do not breathe vapor or fumes.

If spilled, flush spillage to drain with large quantities  
of water.

Wear goggles or face shield, neoprene gloves only,  
and protective clothing when handling.

Wash thoroughly after handling.

**FIRST AID**

**EYES:** In case of contact, flush with plenty of water for  
at least 15 minutes. Call a physician.

**SKIN:** In case of contact, flush with plenty of water for  
at least 15 minutes while removing contaminated cloth-  
ing. If irritation develops, call a physician. Promptly  
wash contaminated clothing.

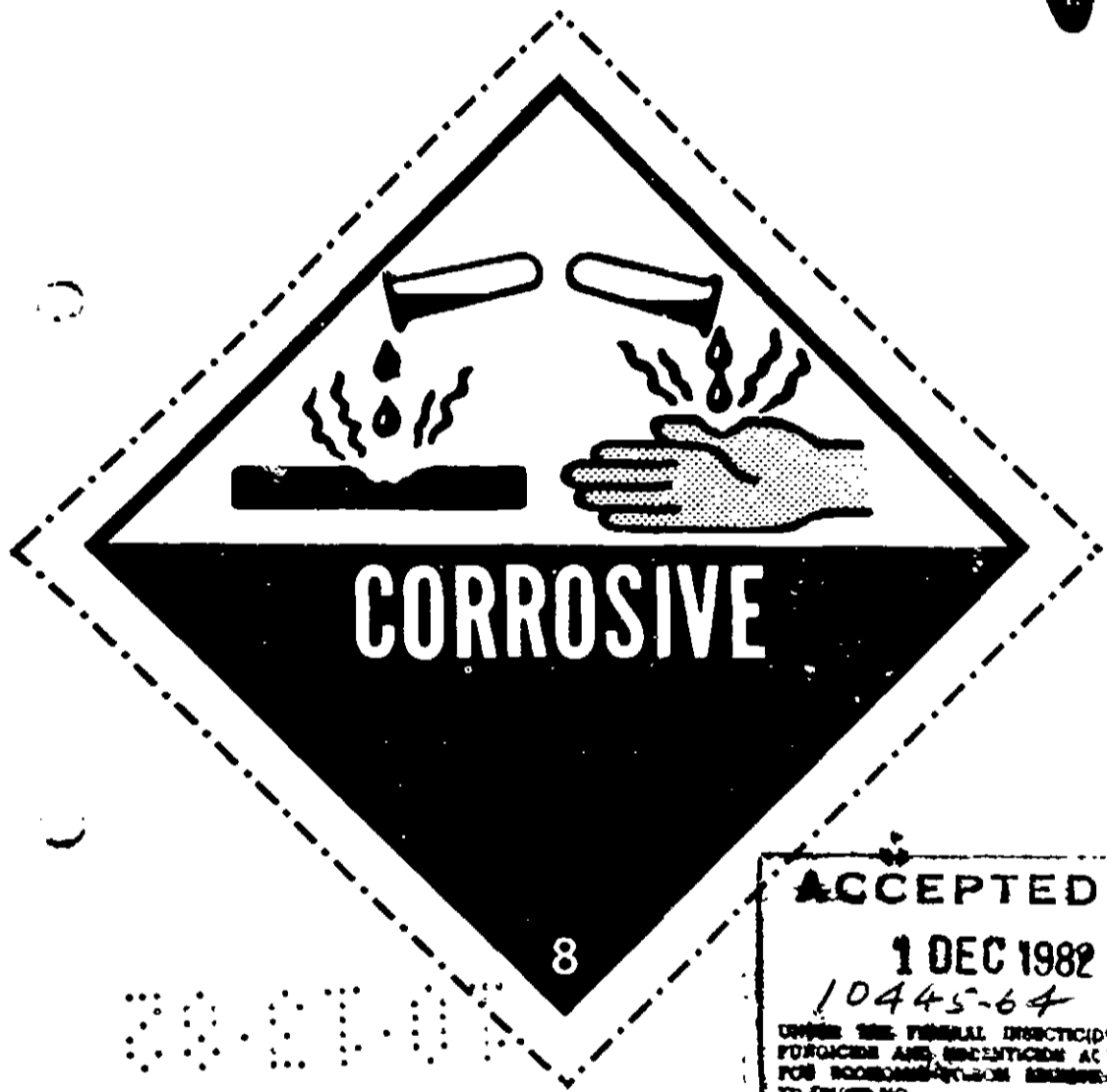
**INTERNAL:** If swallowed, drink one or two glasses of  
milk or water. Follow with milk of magnesia, vegetable  
oil or beaten eggs. Call a physician immediately.

Do not reuse empty drum for other purposes. Liquid  
and solid residues are hazardous.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not discharge into lakes,  
streams, ponds, or public waters unless in accordance  
with a NPDES permit. For guidance, contact your re-  
gional office of the EPA. Do not contaminate water by  
cleaning of container and equipment or disposal of  
wastes. Apply this product only as specified on this  
label.

(continued on right panel)



**CORROSIVE**

8

**ACCEPTED**

**1 DEC 1982**

10445-64

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND HERBICIDE ACT  
FOR REGISTRATION NUMBER  
ED 0702-00

**SODIUM CHLORITE SOLUTION**

0423-525A

Made in U.S.A.

**ACTIVE INGREDIENTS**  
Sodium Chlorite  
**INERT INGREDIENTS**

For information  
involving human  
exposure, call  
ask for the Reg-  
istry Department

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**CALGO**

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STATEMENTS  
HUMANS

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SUBSIDIARY OF MERCK & CO., INC.

**CALGON**<sup>®</sup>

# PB-150 L

## PAPER MILL MICROBIOCIDE

**For use in the generation of chlorine dioxide  
to control slime-forming microorganisms  
in pulp and paper mill systems.**

ACTIVE INGREDIENT:	
Sodium Chlorite .....	15.04%
INERT INGREDIENTS: .....	84.96%
	100.00%

For information regarding incidents involving human and environmental exposure, call (412) 777-8000 and ask for the Regulatory and Trade Affairs Department.

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

E.P.A Registration No. 10445-64

- EPA Establishment No. 10445-PA-01
- EPA Establishment No. 10445-NJ-01
- EPA Establishment No. 10445-CA-01
- EPA Establishment No. 10445-TX-01
- EPA Establishment No. 10445-MO-01
- EPA Establishment No. 45359-CT-01

**CALGON CORPORATION**  
**CALGON CENTER • PITTSBURGH, PA. 15230**

# 68230

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### FEED REQUIREMENTS

Feed rates of PB-150L Paper Mill Microbiocide will depend on the severity of contamination and the degree of control desired. Generally, 0.25 to 1.5 ppm of chlorine dioxide is required. The exact dosage will depend on the size of the system and residual necessary for effective control. Approximately one pound of chlorine dioxide is generated from 11.2 pounds of PB-150L Paper Mill Microbiocide and sufficient acid to reduce the pH to <2.0. Your Calgon representative can guide you in the application techniques.

### METHOD OF FEED

Chlorine dioxide is generated from PB-150L Paper Mill Microbiocide and acid. A Calgon Chlorine Dioxide Chemical Feed System is recommended to control feed cycles and feed rates of acid and PB-150L Paper Mill Microbiocide needed to produce chlorine dioxide. Your Calgon representative can guide you in the selection, installation, and operation of the feed system.

**IMPORTANT:** Consult product bulletin and also the instructions on the chlorine dioxide generation system before using PB-150L Paper Mill Microbiocide.

**NOTICE:** Seller expressly warrants that the product conforms to its chemical description. There are no warranties associated with the sale of this product either express or implied, including but not limited to the warranties of fitness for a particular purpose or merchantability.

(continued from left panel)

### STORAGE AND DISPOSAL

Keep container closed when not in use. Do not reuse empty container. Reseal and offer for reconditioning; or triple rinse and offer for recycling, reconditioning, or disposal in an approved landfill.



PAPER CHEMICAL PRODUCT DATA SHEET  
CALGON PB-150L PAPER MILL MICROBIOCIDE

Calgon® PB-150L Paper Mill Microbiocide is a liquid solution of sodium chlorite used to generate chlorine dioxide when added to low pH water. The chlorine dioxide thus generated is a highly effective oxidizing slimeicide for controlling the growth of slime-forming microorganisms in pulp and paper mill systems.

ADVANTAGES

- o Effective in high alkalinity systems.
- o Will not cause pH depression in low alkalinity systems.
- o Effectively prevents the buildup of slime-forming microorganisms.
- o Compatible with most commonly used paper additives.

**ACCEPTED**  
**1 DEC 1982**  
 10445-64  
UNDER THE FEDERAL INSECTICIDE  
 FUNGICIDE AND RODENTICIDE ACT  
 FOR ECONOMIC POISON REGISTRATION  
 BY ORDER NO.

PHYSICAL PROPERTIES

Appearance ..... Colorless to slightly yellow liquid  
 pH ..... Aproximately 11.2  
 Specific Gravity ..... 1.14-1.15  
 Pounds per Gallon ..... 9.6 average  
 Freeze Point ..... 11°F

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**IMPORTANT:** Consult the instructions on the chlorine dioxide generation system before using PB-150L Paper Mill Microbiocide.

17015-14

**PACKAGING**

Calgon PB-150L Paper Mill Microbiocide is available in 55 gallon plastic drums (525 lbs. net weight/556 lbs. gross) and in bulk.

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