

# BETZ

PAPERCHEN, INC.

# BETZ®

# DPB-2042

PL 31 45017-41

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### DANGER

**CORROSIVE. IRRITANT OR FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN. CAUSES EYE AND SKIN BURNS. THIS PRODUCT INDUCES SKIN SENSITIZATION. DO NOT GET INTO EYES. ON SKIN OR ON CLOTHING. DO NOT INHALE VAPOR OR MIST. USE WITH ADEQUATE VENTILATION. WEAR RUBBER GLOVES, GOGGLES AND FACE SHIELD WHEN HANDLING. IMMEDIATELY REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.**

#### ENVIRONMENTAL HAZARDS

**THIS PRODUCT IS TOXIC TO FISH AND WILDLIFE. DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT INTO LAKES, STREAMS, PONDS, ESTUARIES, OCEAN OR OTHER WATERS UNLESS IN ACCORDANCE WITH THE REQUIREMENTS OF A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT & THE PERMITTING AUTHORITY HAS BEEN NOTIFIED IN WRITING PRIOR TO DISCHARGE. DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT TO SEWER SYSTEMS WITHOUT PREVIOUSLY NOTIFYING THE LOCAL SEWAGE TREATMENT PLANT AUTHORITY FOR GUIDANCE. CONTACT YOUR STATE WATER BOARD OR REGIONAL OFFICE OF THE EPA. APPLY THIS PESTICIDE ONLY AS SPECIFIED ON THIS LABEL.**

Active Ingredients:  
Bis(trichloromethyl) sulfone..... 5.0%  
N-alkyl (C14-50Z, C12-40Z, C12-10Z)  
dimethylbenzyl ammonium chloride..... 14.0%  
Inert Ingredients..... 78.7%  
Total..... 100.0%  
Inert ingredients include solubilizing and dispersing agents.

CONTENTS: LIQUID POUNDS PER GALLON: 6.6 EPH EST NO  
EPA REG NO. 45017-

#### DANGER

#### KEEP OUT OF REACH OF CHILDREN

#### STATEMENT OF PRACTICAL TREATMENT

In case of contact with skin, wash immediately with plenty of soap & water. Immediately contact physician.  
In case of contact with eyes, flush promptly and thoroughly with clear water for at least 15 minutes. Immediately contact physician.  
In case of ingestion, immediately contact physician.  
See left side panel for additional precautionary statements.  
NOTE TO PHYSICIAN: Mucosal damage may contraindicate the use of gastric lavage.

A Material Safety Data Sheet containing more detailed information relative to this product is available upon request.

ACCEPTED  
MAR 16 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 45017-41

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

#### STORAGE AND DISPOSAL

**STORAGE:** Keep container tightly closed. Protect from freezing. Store in a dry place. Do not store at elevated temperatures.  
**DISPOSAL-PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous and/or toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.  
**CONTAINER DISPOSAL METAL AND PLASTIC CONTAINERS:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate or burn, if allowed by state and local authorities. If burned, stay out of smoke.  
**FIBER DRUMS WITH LINERS:** Completely empty liner by shaking and tapping side and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner and drum in a sanitary landfill or incinerate if allowed by state and local authorities. Do not reuse empty drum or liner.

#### PULP AND PAPER MILL SYSTEMS

This product aids in the control of objectionable bacteria and fungi in pulp/paper mill and the additive system & for the preservation of pulp/pigment slurries, alum, emulsions, non-food packaging adhesives, non-coating defoamers, pulpers & paper products. Additions can be made on a continuous or intermittent basis depending upon the severity of the contamination.  
**BADLY FOULED SYSTEMS** must be cleaned before treatment is begun.  
**FOR SLIME CONTROL-BACTERIAL-**This product should be added directly to the pulp and paper mill systems. Apply at a point in the system where the product will be uniformly mixed.  
**INTERMITTENT OR SLUG METHOD--INITIAL DOSE:** When the system is noticeably fouled, add this product at the rate of 1.0 to 3.0 lbs per ton of pulp/paper produced. Addition of this product to the additive system should be made directly at the rate of 0.41 to 1.25 lbs per 1000 gals (50 to 150 ppm). Repeat until control is achieved.  
**SUBSEQUENT DOSE:** When microbial control is evident, add this product at the rate of 0.75 to 2.5 lbs per ton of pulp or paper produced. Treat the system as needed to maintain control. Addition of this product to the additive system may be reduced to 0.33 to 1.0 lbs per 1000 gals (40 to 120 ppm).  
**CONTINUOUS FEED METHOD--INITIAL DOSE:** When the system is noticeably fouled, add this product at the rate of 0.75 to 2.5 lbs per ton of pulp/paper produced. Additions of this product to the additive system should be made directly at the rate of 0.25 to 0.75 lbs per 1000 gals (30 to 90 ppm). Continue until control is achieved.  
**SUBSEQUENT DOSE:** Maintain the following level by continuous feed of the rate of 0.50 to 2.0 lbs per ton of pulp/paper produced. Addition of this product to the additive system should be made at the rate of 0.21 to 0.62 lbs per 1000 gals (25 to 75 ppm). Continue until control is achieved.  
**FOR FUNGAL CONTROL--INTERMITTENT OR SLUG METHOD--INITIAL DOSE:** When the system is noticeably fouled, add this product at the rate of 1.5 to 3.5 lbs per ton of pulp/paper produced. Addition of this product to the additive system should be made directly at the rate of 0.41 to 1.25 lbs per 1000 gals (50 to 150 ppm). Repeat until control is achieved.  
**SUBSEQUENT DOSE:** When microbial control is evident, add this product at the rate of 1.0 to 3.0 lbs per ton of pulp/paper produced. Treat the system as needed to maintain control. Addition of this product to the additive system may be reduced to 0.33 to 1.0 lbs per 1000 gals (40 to 120 ppm).  
**CONTINUOUS FEED METHOD--INITIAL DOSE:** When the system is noticeably fouled, add this product at the rate of 0.75 to 2.5 lbs per ton of pulp/paper produced. Additions of this product to the additive system should be made directly at the rate of 0.25 to 0.75 lbs per 1000 gals (30 to 90 ppm). Continue until control is achieved.  
**SUBSEQUENT DOSE:** Maintain the following level by continuous feed of the rate of 0.50 to 2.0 lbs per ton of pulp/paper produced. Addition of this product to the additive system should be made at the rate of 0.21 to 0.62 lbs per 1000 gals (25 to 75 ppm). Continue until control is achieved.

NET WT.: LBS.  
LOT NO.

FOR INDUSTRIAL USE. Technical advice regarding specific site problems is available from BETZ PAPERCHEN, INC. PANEL 1 OF 2  
2942 9486

JACKSONVILLE, FL 32256 BUSINESS: 904-777-7110 EMERGENCY (HEALTH OR ACCIDENTS): 1-800-977-1940

ATTACH PANEL TWO HERE

# BETZ BETZ®

PAPERCHEN, INC.

USE DIRECTIONS CONTINUED FROM PANEL ONE

# DPB-2042

product at the rate of 1.0 to 3.0 lbs per ton of pulp/paper produced. Additions of this product to the additive system should be made directly at the rate of 0.25 to 0.75 lbs per 1000 gals (30 to 90 ppm). Continue until control is achieved.

**SUBSEQUENT DOSE:** Maintain the following level by continuous feed of this product at the rate of 0.25 to 2.5 lbs per ton of pulp/paper produced. Addition of this product to the additive system should be made at the rate of 0.21 to 0.62 lbs per 1000 gallons (25 to 75 ppm).

### FOR PRESERVATION

This product should be added directly to the material to be preserved prior to manufacturing into the finished product, i. e., pulp, broke, polymers, non-coating defoamers, alum, emulsions, non-food packaging adhesives, paper mill coatings, pigment slurries and paper products. The dosage rate will depend upon upon the material to be preserved and the storage time. The usual additions should be 30 to 100 ppm for materials such as dyes, 50 to 200 ppm for alum, clay and calcium carbonate, 30 to 100 ppm for starch and 50 to 100 ppm for pulp and broke, 30 to 100 ppm for emulsions and polymers. The above recommendations are based on a maximum storage time of two weeks. Repeat dosing every 7 to 14 days for storage times longer than two weeks.

THE METHOD OF MANUFACTURING THIS PRODUCT IS COVERED BY U.S. PATENT 5,312,841

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