

HERCULES

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles or face shield) rubber gloves, and protective clothing. Harmful if absorbed through skin or swallowed. Avoid breathing dust, vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Coveralls over short-sleeved shirt and short pants
- Socks and chemical resistant footwear
- Goggles or face shield
- Chemical-resistant gloves (such as barrier laminate, butyl nitrile, or neoprene rubber, polyvinyl chloride or viton)
- A non-powered air-purifying respirator with an organic-vapor (OV) removing cartridge or canister plus an N-, R-, or P-series filter.

In addition, loaders and cleaners of equipment must wear a chemical-resistant apron.

USER SAFETY REQUIREMENTS

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. User should remove personal protective equipment immediately after handling this product. Wash outside of gloves before removing. As soon as possible wash thoroughly and change into clean clothing.

This product may cause skin sensitization reactions in some people.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and 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.

Lot Number:
Material ID:
Net Weight:
Packaging Date:

BETZ® DPB-2042

MADE IN USA

ACTIVE INGREDIENTS:

Bis(trichloromethyl)sulfone _____ 5.3%
N-Alkyl (C12-40%, C14-50%, C16-10%)
dimethylbenzyl ammonium chloride _____ 16.0%
INERT INGREDIENTS* _____ 78.7%
TOTAL _____ 100.0%

*Inert ingredients include solubilizing and dispersing agents.

CONTENTS: LIQUID

POUNDS PER GALLON: 8.6
EPA REGISTRATION NUMBER: 74655-15
EPA ESTABLISHMENT NUMBER: 74655-GA-01

KEEP OUT OF REACH OF CHILDREN DANGER

FIRST AID

IF IN EYES:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING:

Take off contaminated clothing.
Rinse skin immediately with plenty of water for 15-20 minutes.

Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow.
Do not induce vomiting unless told to do so by the poison control center or doctor.

Do not give anything by mouth to an unconscious person.

IF INHALED:

Move person to fresh air.
If person is not breathing, call 911 or ambulance, and then give artificial respiration, preferable mouth-to-mouth if possible.

Call a poison control center or doctor for treatment advice.

For Emergency Information Call: 302-594-5000

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information call 302-594-5000

NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate use of gastric lavage.

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	D

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Keep container tightly closed. Protect from freezing. Store in a dry place. Do not store at elevated temperatures.

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.

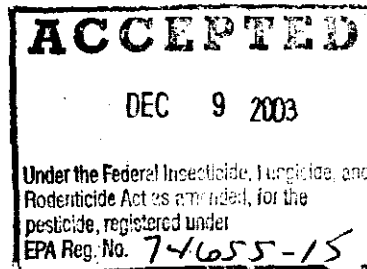
CONTAINER DISPOSAL -

METAL & 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 sides 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.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For product use see Panel 2.

For Industrial Use. Technical advice regarding specific site problems is available from Hercules Incorporated, Pulp & Paper Division. A Material Safety Data Sheet containing more detailed information is available upon request.



Hercules Incorporated, Pulp & Paper Division, 1313 N. Market Street, Wilmington, DE 18984
Emergency and Business Phone: 302-594-5000

74655-15

12/09/2003

1/2

HERCULES

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	D

BETZ® DPB-2042

MADE IN USA

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

GENERAL PRECAUTIONS AND RESTRICTIONS

Do not apply this product in a way that will contact workers or other persons.

PULP AND PAPER SYSTEMS

This product aids in the control of bacteria and fungi in pulp, paper mill and the additive system, and for the preservation of pulp, pigment slurries, alum, emulsions, non-food packaging adhesives, non-coating defoamers, polymers and 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 - BACTERIA

The 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 pound per ton of pulp or paper produced. Additions to the additive system should be made directly at the rate of 0.41 to 1.25 pound (50 to 150 ppm) per 1000 gallons. Repeat until control is achieved. **SUBSEQUENT DOSE:** When microbial control is evident, add this product at the rate of 0.75 to 2.5 pound per ton of pulp or paper produced. Treat the system as needed to maintain control. Additions to the additive system may be reduced to 0.33 to 1.0 pound (40 to 120 ppm) per 1000 gallons.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.75 to 2.5 pound per ton of pulp or paper produced. Additions to the additive system should be made directly at the rate of 0.25 to 0.75 pound (30 to 90 ppm) per 1000 gallons. Continue until control is achieved. **SUBSEQUENT DOSE:** Maintain the following level by continuous feed of this product at the rate of 0.50 to 2.0 pound per ton of pulp and paper produced. Additions to the additive system should be at the rate of 0.21 to 0.62 pound (25 to 75 ppm) per 1000 gallons. 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 pound per ton of pulp or paper produced. Additions to the additive system should be made directly at the rate of 0.41 to 1.25 pounds (50 to 150 ppm) per 1000 gallons. Repeat until control is achieved. **SUBSEQUENT DOSE:** When microbial control is evident, add this product at the rate of 1.0 to 3.0 pound per ton of pulp or paper produced. Treat the system as needed to maintain control. Additions to the additive system may be reduced to 0.33 to 1.0 pound (40 to 120 ppm) per 1000 gallons.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 1.0 to 3.0 pound per ton of pulp or paper produced. Additions to the additive system should be made directly at the rate of 0.25 to 0.75 pound (30 to 90 ppm) per 1000 gallons. Continue until control is achieved. **SUBSEQUENT DOSE:** Maintain the following level by continuous feed of this product at the rate of 0.75 to 2.5 pound per ton of pulp and paper produced. Additions to the additive system should be at the rate of 0.21 to 0.62 pound (25 to 75 ppm) per 1000 gallons.

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 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, 50 to 100 ppm for pulp and broke and 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.

Hercules Incorporated, Pulp & Paper Division, 1313 N. Market Street, Wilmington, DE 18984.
Emergency and Business Phone: 302-594-5000