

6836-312

12/19/2003

1/2

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER. HIGHLY CORROSIVE.** Causes irreversible eye damage and skin burns. May be fatal if swallowed. Do not take internally. Irritating to nose and throat. Avoid breathing dust. Use with adequate ventilation. Do not get into eyes, on skin or clothing. Wear protective clothing, chemical resistant gloves, protective eyewear (goggles, face shield or safety glasses). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**FIRST AID**

Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

**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.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.

**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 an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. 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.

**PHYSICAL AND CHEMICAL HAZARDS**

**CHEMICAL HAZARD: STRONG OXIDIZING AGENT.** Mix only with water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible generation of fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well-ventilated area. Flood with large volumes of water, if necessary.

**GLYBROM® PG-100 POWDER**

**Active Ingredients:**

1-bromo-3-chloro-5,5-dimethylhydantoin .....	90.0%
1,3-dibromo-5,5-dimethylhydantoin .....	9.0%
Other Ingredients .....	1.0%
Total .....	100.0%

Available bromine .... 65.6%  
Available chlorine .... 26.2%

EPA Reg. No. 6836-312

EPA Est. No. 6836-PA-01

NET WEIGHT: (as marked on container)

**KEEP OUT OF REACH OF CHILDREN**

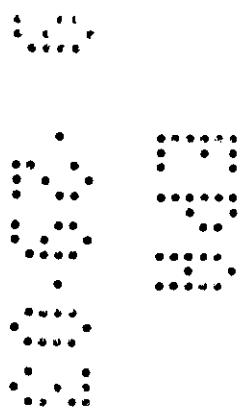
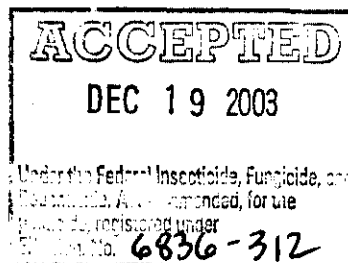
**DANGER**

See side / back / right / left panel for Precautionary Statements and First Aid

LONZA INC.

17-17 Route 208, Fair Lawn, NJ 07410

Emergency Contact Number: \_\_\_\_\_



**DIRECTIONS FOR USE**

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

**PAPER AND PAPERBOARD PROCESS WATER**

**GLYBROM PG-100 POWDER** is a biocidal formulation for application in the paper industry.

**GLYBROM PG-100 POWDER** prevents (bacterial slime) (slime) formation and deposition through the rapid delivery of an ideal balance of free and combined halogen. When used properly, **GLYBROM PG-100 POWDER** can reduce (bacteriologically) (microbiologically) induced corrosion, paper spots, holes, breaks and odors. By limiting (bacterial) (microbial) growth and (bacterial slime) (slime) formation, **GLYBROM PG-100 POWDER** increases machine runnability reducing unscheduled maintenance and lost production.

**GLYBROM PG-100 POWDER** provides fast dissolution and high halogen content without added binders or inert materials for maximum efficiency and product delivery.

**GLYBROM PG-100 POWDER** can be used in the manufacture of both food and non-food contact paper and paperboard.

**APPLICATION**

**GLYBROM PG-100 POWDER** should be added to process water streams at or immediately prior to a point of sufficient mixing such as the fan pump or wire pit.

Standard powder feeders can be used for **GLYBROM PG-100 POWDER** applications. Make-up, machine white waters, thick stock and returning clarified dilution waters are typical examples of acceptable treatment waters.

**INITIAL DOSE:** When the system is noticeably fouled apply 0.5 - 2.0 pounds of **GLYBROM PG-100 POWDER** per ton of paper produced to achieve 0.1-1.0 ppm total available halogen as chlorine. Repeat treatment until residual is achieved.

**SUBSEQUENT DOSE:** When microbial control is evident, apply 0.5 - 2.0 pounds of **GLYBROM PG-100 POWDER** per ton of paper produced to achieve 0.1-1.0 ppm total available halogen as chlorine. Repeat periodically as needed to maintain control.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Keep container tightly closed. Store in a cool, dry, well-ventilated place. Do not store at elevated temperatures. Do not store in direct sunlight. Do not store at temperatures above 100°F.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. 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 the label instructions contact your State pesticide or environmental control agent 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 and liners):* Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. 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.

*(Bags and liners):* Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Then dispose of liner and bag in a sanitary landfill or incinerate if allowed by State and local authorities. Do not reuse empty bag or liner.

ACCEPTED  
DEC 19 2003  
6836-312

