




3. Submit revised certified limits for the active ingredient. Note that the lower certified limit (49.5%), should be declared on the label.

4. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

  
John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosure

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Proposed PIROR® 850 ( :1  
EPA File No. 10352-  
November 3, 1986

(Center Panel) (

UNION CARBIDE

PIROR® 850 Slimicide

A MICROBIOCIDAL FOR CONTROLLING SLIME FORMING BACTERIA, SULFATE-REDUCING BACTERIA, FUNGI, AND YEAST IN PAPER MILLS AND PAPER MILL PROCESS WATER SYSTEMS.

Active Ingredients:	Glutaraldehyde	50.0%
Inert Ingredients:		50.0%
		<u>100.0%</u>

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Immediately flush with plenty of water for at least 15 minutes. Get immediate medical attention.

If on skin: Wash with plenty of soap and water. Get medical attention.

If swallowed: DO NOT INDUCE VOMITING. Give at least two glasses of water. Seek medical advice with urgency.

If inhaled: Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, call a physician.

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

UNION CARBIDE CORPORATION - SPECIALTY CHEMICALS DIVISION

Danbury, CT 06817 - Offices in Principle Cities  
EPA Reg. No. 10352-  
PIROR® is a registered trademark of  
Union Carbide Corporation  
Net Wt. 229 Kg (504 lb.)

EPA Est. No.

UCC No. \_\_\_\_\_

Made in USA

PC \_\_\_\_\_

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

0178j

APR 01 1987

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

10352-37

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### DIRECTIONS FOR USE

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

### PAPER MILLS AND PAPER MILL PROCESS WATER SYSTEMS

PIROR® 850 Slimicide should be added to the system at a point of uniform mixing such as the beaters, broke chest pump, save-all tank, or white-water tank.

**Initial Treatment:** When the system is noticeably contaminated, add 0.5-3.0 lb. PIROR® 850 Slimicide per ton of pulp or paper (dry basis) as a slug dose. Repeat until control is achieved. Heavily fouled systems should be boiled out prior to initial treatment.

**Subsequent Dose:** When microbial control is evident, add 0.3-2.0 lb. PIROR® 850 Slimicide per ton of pulp or paper (dry basis) as a slug dose as necessary to maintain control.

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### LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness and of toxicity to laboratory animals. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. This warranty does not extend to, and the Buyer shall be solely responsible for, any and all loss or damage which results from the use of this product in any manner which is inconsistent with the label directions, warnings or cautions.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT SUCH LIABILITY IS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

ACCEPTED  
with comments  
in EPA 100-10-100

APR 01 1987

10352-37

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PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

APR 01 1987

DANGER  
Keep Out of Reach of Children

10352-37

Corrosive. Causes irreversible eye damage. Causes burns. May cause skin sensitization. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles, protective clothing, and rubber gloves. Avoid breathing vapors. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL PROPERTIES

Specific Gravity at 20/20°C	1.131	Solubility in Water at 20°C	Complete
Vapor Pressure at 20°C	15 mm Hg	Solubility of Water in at 20°	Complete
Freezing Point	-21°C	pH at 25°C	3.1 to 4.5

STORAGE AND HANDLING

PIROR® 850 solutions are corrosive to many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. These solutions can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about -21°C. Therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage times (up to about 1 month), temperatures of up to 100°F can be tolerated but the preferred maximum storage temperature is about 80°F.

A stainless steel centrifugal pump is suggested for transfer service. Asbestos is suitable for gaskets and packing.

STORAGE AND DISPOSAL

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are 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 your Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.  
CONTAINER DISPOSAL: Metal or Plastic Containers. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary land-fill, or other procedures approved by state and local authorities.

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