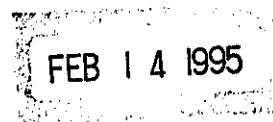


## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Union Carbide Corporation  
P. O. Box 670  
Bound Brook, NJ 08805



Attention: Ms. Joan E. Young,  
Regulatory Affairs Manager

Subject: PIROR 842 Slimicide  
EPA Registration Number 10352-48  
Your Submission Dated February 25, 1994  
EPA Received Date March 8, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to amend the Hazard Warnings Statement, is acceptable provided that you make the following labeling revisions:

The heading "Hazards to Humans and Domestic Animals" is acceptable.

Revise the statement "May cause allergic skin reaction" to read "Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals."

The addition of the statement "Causes asthmatic signs and symptoms in hyper-reactive individuals" to the product labeling is acceptable.

A stamped copy of the labeling is enclosed for your records. Submit one (1) copy of the final printed label prior to release the product for shipment.

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-305-6966.

Sincerely,

Walter C. Francis  
Acting Product Manager(31)  
Antimicrobial Program Branch  
Registration Division(7505C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**  
**KEEP OUT OF REACH OF CHILDREN**

Corrosive. Causes irreversible eye damage. Causes skin burns. May be fatal if swallowed or absorbed through skin. Harmful if inhaled. May cause allergic skin reaction. Causes asthmatic signs and symptoms in hyper-reactive individuals. Do not get in eyes, on skin, on clothing. Avoid breathing vapor. Do not swallow. Wear goggles, protective clothing, and rubber gloves. 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 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.

**STORAGE AND HANDLING**

PIROR® 842 Silicide solutions are incompatible with 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 7°F (-13.9°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 (37.8°C) can be tolerated but the preferred maximum storage temperature is about 80°F (26.7°C). A stainless steel centrifugal pump is suggested for transfer service. Spiral wound stainless steel with TEFLON® is suitable for gaskets and packing.

**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, EXPRESSED 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.

**BEFORE HANDLING OR USING, READ AND UNDERSTAND  
CURRENT UNION CARBIDE MATERIAL SAFETY DATA  
SHEET FOR THIS PRODUCT.**



Active Ingredient: Glutaraldehyde \_\_\_\_\_ 42.5%  
Alkyl (C<sub>14</sub> 50%, C<sub>12</sub> 40%, C<sub>16</sub> 10%)  
dimethyl benzyl ammonium chloride \_\_\_\_\_ 7.5%  
Inert Ingredients: \_\_\_\_\_ 50.0%  
100.0%

**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:** Immediately wash with plenty of soap and water. Get medical attention.  
**IF INHALED:** Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, call a physician.  
**IF SWALLOWED:** DO NOT INDUCE VOMITING. Do not give anything to drink. Seek medical advice with urgency.  
**NOTE TO PHYSICIAN:** Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage.

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

**UNION CARBIDE CORPORATION**

39 Old Ridgebury Road • Danbury, CT 06817-0001  
EPA Reg. No. 10352-48  
PIROR is a registered trademark  
of Union Carbide  
Net Contents 5 or 55 gallons

EPA Est. No. 10352-WV-2  
UCC-L72107 (B 02/94)  
Made in USA  
PE0294

72107 PRODUCT CODE	CONTAINER SIZE 5 GALLONS	CONTAINER SIZE 55 GALLONS	SHIPPING NAME	CORROSIVE LIQUID, N.O.S. (CONTAINS GLUTARALDEHYDE)	
	43 POUNDS NET WEIGHT	595 POUNDS NET WEIGHT		ID NUMBER UN 1780	PG II

**EMERGENCY CONTACT (24 HOURS PER DAY): IN USA 1-800-UCC-HELP (1-800-822-4357)  
OUTSIDE USA 01-304-744-3487**

It is a violation of Federal law

**PAPER MILLS AND PAPER**

PIROR® 842 Silicide should be used as the thin or thick stock chest, or Initial Treatment: When the stock Silicide per ton or 0.25 to 1.5 kg (base) as a continuous or slug dose be boiled out prior to initial treatment. Subsequent Dose: When microsilicide per ton or 0.15 to 1.0 kg of PIROR necessary to maintain control.

**WATER BASED COATING  
PAPER AND PAPERBOARD**

Note: For use in non-food applications. Add sufficient quantities of PIROR ppm based on slurry solids.

**PESTICIDE DISPOSAL:** Do not dump or dump. Pesticide mixture or rinse is a violation according to label instructions, Agency, or the Hazardous Waste guidance.

**CONTAINER DISPOSAL:** (See equivalent). Then offer for recycling, landfill, or other procedures approved by incinerated, or, if allowed by smoke. Metal Containers: Metal containers.