

BEST AVAILABLE IMAGE



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
60061-94

Date of Issuance:  
MAR 20 1998

NOTICE OF PESTICIDE:  
  x   Registration  
       Reregistration

Term of Issuance: Expires  
June 30, 2000

Name of Pesticide Product:  
ACP Ultima Ablative Copper  
Polymer Antifouling Bottom  
Paint

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Kop-Coat  
436 Seventh Avenue  
Pittsburgh, PA 15219

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c) (7) (A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c) (5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. "60061-94".
- b. Add the following statement to the end of your Precautionary Statements paragraph:

"May pose an aspiration pneumonia hazard."

c. Revise your Environmental Hazards Statement to read:

This material is toxic to fish. do not apply directly to water by cleaning of equipment, or disposal of wastes. Do not allow chips and dust generated during paint removal to enter water. Dispose of paint debris in an approved landfill. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans and other waters unless in accordance with the requirements of

Signature of Approving Official: *Marshall Swindell*  
Marshall Swindell Product Manager/Team  
33/RMB1/Antimicrobial Division

Date:  
MAR 20 1998

a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent to sewer system without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

3. Submit the following studies within 18 months (i.e., September 20, 1999) of the date stamped on this Notice of Conditional Registration:

Studies on the Irgarol Technical Grade Active

- GLN 72-4 Fish Early Life Stage (Estuarine Fish Study)
- GLN 72-4 Aquatic Invertebrate Life Cycle (Freshwater Invertebrate)
- GLN 73-1 Whole Sediment Acute, Freshwater Invertebrates
- GLN 73-1 Whole Sediment Acute, Marine Invertebrates

Data on Each of the Three Major Degradates\* of Irgarol

(\*GS-26575, CA-30-0155, and GS-28620)

- GLN 72-1 Acute Freshwater Fish LC50 (one specie), or
- GLN 72-3 (a) Acute LC50 Estuarine and Marine Fish, and
  
- GLN 72-2 Acute Freshwater Invertebrate LC50 (*Daphnia*), or
- GLN 72-3 (c) Acute LC50 Estuarine and Marine Invertebrate, and
  
- GLN 123-2 Aquatic Plant Growth (2 species: *Navicula pelliculosa*, and *Skeletonema costatum*)

4. Submit the following "reserved" studies within 18 months of the date of the agency's written request for these data. The need for these reserved data will be based upon the results of one or more of the above studies as determined by the agency.

- GLN 164-2 Aquatic Field Study
- GLN 165-5 Accumulation Studies (nontarget organism)
- GLN 72-5 Fish Life Cycle
- GLN 72-6 Aquatic organism bioavailability/biomagnification/toxicity tests
- GLN 72-7 Simulated or actual field testing for aquatic organisms
- GLN 71-4 Avian Reproduction
- GLN 73-3 Acute Pore Water Studies (fish and invertebrates)
- GLN 74-1 Whole Sediment Chronic Study (invertebrates)
- GLN 123-1 Seedling Emergence-Dose Response Test
- Special Study: Monitoring of Representative U.S. Waters

5. This conditional registration will expire automatically on June 30, 2000. If you fail to satisfy the conditions imposed in the registration, EPA may issue a Notice To Cancel under Section 6(e) of FIFRA.

6. The release rate data (MRID#s 44104304, 44014305 & 44014306) for your product was reviewed and found to be acceptable. The Irgarol release rate for your basic product and two alternate formulations was determined to be:

- 7.21 ug/cm2/day for your basic "1297 Blue" formulation
- 8.52 ug/cm2/day for your alternate "1697 Red" formulation, and
- 7.15 ug/cm2/day for your alternate "1897 Black" formulation.

7. Submit two (2) copies of the revised final printed labeling before you release the product for shipment.

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

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.

Sincerely yours,

Marshall Swindell  
 Product Manager 33  
 Regulatory Management Branch 1  
 Antimicrobial Division (7510W)

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ACP  
ULTIMA

# ABLATIVE COPPER POLYMER ANTIFOULING BOTTOM PAINT

## 1297 BLUE

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
MAR 20 1998

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
registered under EPA Reg.

60061-94

NONCOMMERCIAL USE  
KEEP OUT OF REACH OF CHILDREN  
WARNING

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

ACTIVE INGREDIENTS:	
Cuprous Oxide	60.0%
N-Cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine	
2,4-diamine	2.0%
INERT INGREDIENTS: 38.0%	
100.0%	

This product contains  
petroleum distillates.

# PETTIT

marine  paint

## NET CONTENTS

1 GALLON (128 FL. OZ.)  
3.785 LITERS

EPA Est. No. 60061-NJ-2  
EPA Registration No. 60061-

Best Available Copy 417

73/8 FO-4034  
6.3.93

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 20 1998

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

60061-94

**NEW  
SLIME RESISTANT  
FORMULA!**

**DISCLAIMER:** The performance of any marine paint or coating depends on many factors outside the control of Pettit Paint Company, including surface preparation, proper application and environmental conditions. Therefore, Pettit Paint Company cannot guarantee this product's suitability for your particular purpose or application. Implied warranties of fitness for a particular purpose and of merchantability are excluded. Pettit Paint Company shall not under any circumstances be liable for incidental or consequential damages. By purchase or use of this product, buyer agrees that the sole and exclusive remedy, if any, is limited to the refund of the purchase price or replacement of the product at Pettit Paint's option.

50 103 DE BLUE  
6.3.93

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 20 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, Cellulose, registered under EPA Reg. No. 194

**GENERAL DESCRIPTION:** Pettit ACP Ablative Copper Polymer is an antifouling protective coating resistant to slime, algae, barnacles, and other marine fouling organisms. The high loading of cuprous oxide combined with an organic algicide offers unprecedented control over all types of fouling even in the most severe fouling areas. ACP's unique controlled erosion minimizes coating build-up and keeps underwater surfaces smooth and clean.

**DIRECTIONS FOR USE**

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

**PREPARATION OF SURFACE:** The surface to be painted should be clean, dry, and free of any contamination or foreign matter. Always prepare the surface to be painted by sanding and solvent cleaning before any paints or primers are applied. When sanding old antifouling paint use a dust mask to prevent the inhalation of sanding dust. Old, soft bottom paints must be completely removed before applying.

**COVERAGE, APPLICATION AND TEMPERATURE:** ACP can be applied by brush, roller or spray. All painting should be done between 9:00 A.M. and 4:00 P.M. in order to avoid the possibility of dew or condensation spoiling the application. The temperature range of application should be between 50 and 90 degrees. At least two, and preferably three or four coats should be applied for best performance, particularly in high wear areas such as the waterline. ACP will cover approximately 400 square feet per gallon.

**PREPARATION OF PAINT:** ACP is heavily loaded with cuprous oxide. As a result of this loading there is a tendency for settling to occur especially if the paint has been on the shelf for several months. It is necessary to thoroughly mix the paint before using. If possible shake the can of paint on a mechanical paint shaker. Before using check the sides and bottom of the can to make sure all the pigment has been mixed in. If mixing is going to be done with a wooden paddle or an electric drill mixer, pour off half of the liquid from the top of the can into another can and then properly mix in any settled pigment; then remix the two parts together thoroughly.

**THINNING:** Use Pettit ACP Thinner for thinning ACP if needed, particularly on warm or breezy days. ACP Thinner can also be used to thin ACP for spraying and for cleaning equipment. Do not thin more than 10% (12 ounces per gallon) or inadequate paint film thickness will occur and premature erosion of the finish will be likely.

**DRY TIMES:** The minimum recoat time is 6 hours. The minimum dry time between the final coat and launching is 16 hours. Under adverse drying conditions such as those encountered on cool or damp days, extend the dry times by 50% in order to ensure that all the solvent is out of the paint film. There is no maximum time before launching.

**MAINTENANCE OF ANTIFOULING PAINT:** No antifouling paint can be effective under all conditions of exposure. Man-made pollution and natural occurrences can adversely affect antifouling paint performance. Extreme hot and cold water temperatures, silt, dirt, oil, brackish water and even electrolysis can ruin an antifouling paint. Therefore, we strongly suggest that the bottom of the boat be checked several times a month to make sure it is clean and that no growth is occurring. Lightly scrub the bottom with a soft brush to remove anything from the antifouling paint surface. Scrubbing is particularly important with boats that are idle for extended periods of time. The self cleaning nature of the coating is most effective when the boat is used periodically.

**SYSTEMS**

Mix paint thoroughly to insure toxicants are evenly dispersed throughout the can. All surfaces must be clean, dry and properly prepared prior to painting. Do not apply ACP on aluminum.

**PREVIOUSLY PAINTED SURFACES:** If the previous coating is in good condition, thoroughly sand with 80 grit paper then solvent clean with 12185 ACP Thinner to remove residue. Apply two finish coats of ACP. If the previous coating is soft or in poor condition, remove to the bare surface by sanding or using Pettit Paint & Varnish Remover (9030 for fiberglass; 9022 for wood and metal). Proceed with appropriate bare system as described below. Old tin copolymers should be removed or sealed with Pettit 6627 Tie Coat Primer before applying ACP.

**BARE FIBERGLASS:** All bare fiberglass, regardless of age, should be thoroughly cleaned several times with Pettit 15095 Dewaxer or 12120 Brushing Thinner. Sand thoroughly with 80 grit sandpaper to a dull, frosty finish and rewash the sanded surface with 15095 Fiberglass Dewaxer or 12120 Brushing Thinner to remove sanding residue. Then apply two coats of ACP following application instructions. Careful observation of the above instructions will help ensure long term adhesion of this and subsequent years' antifouling paint.

To eliminate the sanding operation, wash the fiberglass three times using Pettit 15095 Dewaxer only. Then apply one coat of Pettit 6999 Sandless Primer. Read and follow carefully the application and topcoating instructions on the Sandless Primer label. Apply at least two coats of ACP.

**BARE WOOD:** Sand entire surface with 80 grit paper; wash clean with 12185 ACP Thinner. Apply a coat of ACP thinned 25% with 12185 ACP thinner, allow an overnight dry, lightly sand and wipe clean. Apply two finish coats of ACP.

**BARE STEEL:** Sandblast to clean bright metal and remove blasting residue with clean, dry compressed air or a clean brush. Immediately apply two coats of Pettit 4777/4778 High Build Epoxy Primer Haze Gray. Read and follow carefully the instructions on the 4777/4778 Epoxy Primer label.

All the surface to be painted will be prepared using hand tools such as wire wheels or sanders, clean off residue and immediately apply one coat of Pettit 6980 Rustlock Steel Primer. Let dry 1-2 hours and follow with two coats of Pettit 4777/4778 High Build Epoxy Primer. Read and follow carefully the instructions for application and topcoating on both primer labels.

**UNDERWATER METAL PARTS:** Use Pettit 6456 Underwater Metal Kit for surface preparation instructions and priming underwater metal parts.

(RIGHT SIDE)

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

**WARNING:** Causes eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear protective clothing such as gloves, long-sleeved cotton shirt, long pants and hat. May be fatal if swallowed or inhaled. Do not breathe vapors, spray mist or sanding dust. While spraying and/or sanding boat surfaces, wear a NIOSH/MSHA certified mask or respirator. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention.

**IN EYES:** Flush with plenty of water and get medical attention.

**ON SKIN:** Wash with plenty of soap and water.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**ENVIRONMENTAL HAZARDS:** Material is toxic to fish. Do not apply directly to water by cleaning of equipment or disposal of wastes or allow chips and dust generated during paint removal to enter water. Dispose of paint debris in an approved landfill.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not use or store near heat or open flame. Use only with adequate ventilation during mixing, application and drying. Use absorbent clean-up material if spilled. For fires blanket flames with foam, CO<sub>2</sub> or dry chemical. Wear NIOSH/MSHA certified breathing equipment.

**STORAGE & DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of according to procedures approved by Federal, State, or local disposal authorities.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) and dispose of in an approved landfill. Consult Federal, State, or local disposal authorities for approved alternative procedures.

ACCEPTED  
WITH COMMENTS  
in EPA Letter Dated:

MAR 20 1988

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 60061-94