

2693-193

2-6-2001

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

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

EPA Reg. Number:

2693-193

Date of Issuance:

FEB 06 2001

Term of Issuance: Conditional  
Expires March 17, 2003

Name of Pesticide Product:

Optima - Blue

Name and Address of Registrant (include ZIP Code):

International Paint, Inc.  
2270 Morris Avenue  
Union, NJ 07083

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, please 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/ reregistration 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. "2693-193".

Signature of Approving Official:

Marshall Swindell, PM 33  
Regulatory Management Branch 1  
Antimicrobial Division (7510C)

Date

FEB 06 2001

3. Submit the following required studies by 09/17/2001

Studies on the Zinc Omadine Technical Grade Active

**Ecological Effects:**

- GLN 72-4 Fish Early Life Stage (Estuarine Fish Study)
- GLN 73-1 Whole Sediment Acute, Freshwater Invertebrates
- GLN 73-2 Whole Sediment Acute, Marine Invertebrates
- GLN 81-7 Acute Neurotoxicity
- GLN 82-5 90 Day Neurotoxicity
- GLN 123-2 Aquatic Plant Growth (4 species: Navicula,  
Anabaena, Lemma, Scenedesmus)
- GLN 162-3 Anaerobic Aquatic Metabolism
- GLN 163-1 Soil Column
- GLN 875.1100 Dermal Exposure (Outdoor)
- GLN 875.1600 Inhalation Exposure (Outdoor)
- GLN 875.1300 Dermal Exposure (Indoor)
- GLN 875.1400 Inhalation Exposure (Indoor)

4. Submit the following study by 9/17/2002:

- GLN 83-4 2 Generation Reproduction (If the product is for Residential use)

5. 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 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
- GLN 162-1 Aerobic Soil Metabolism

- GLN 162-2 Anaerobic Soil Metabolism
- GLN 164-2 Aquatic Field Study
- GLN 165-4 Bioaccumulation (fish)
- GLN 165-5 Accumulation Study (Nontarget organism)
- GLN (Not Assigned) Monitoring of Representative US Waters

6. Revise your product labeling in accordance with the following instructions:

a. Add the following statement below the **product name** "Base Part A of a Two Part Antifouling Paint System" on the front panel and the **directions** for use page.

b. Change the statement "Mix only with **Optima Activator Part B**" to read "Mix only with Optima Activator Part B (EPA Registration No. 2693-194)."

c. Change the last statement on the front panel to read:

When components Optima-Blue and **Optima Activator** are mixed the resulting paint is **CORROSIVE**, and may cause **severe eye irritation** that could lead to irreversible eye damage. Do not get in eyes or on **clothing**. Wear protective eye wear.

d. Under the "Directions For Use" section **move the** "Mixing Ratio" instructions to the top of the use directions section (i.e., just below the **statement** "It is a violation . . . with its labeling.")

e. Change your Mixing Ratio instructions to read "Prior to use of this product, mix 7 parts by volume of this product with 1 part of **Optima Activator** (EPA Reg. No. 2693-194)."

f. Revise your Statement of Practical Treatment to read as follows:

**Statement of Practical Treatment**

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 a poison control center or doctor.
- Do not give anything by mouth to **an unconscious** person.

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.

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**EPA Registration No. 2693-193**

If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

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.

Other

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.”

7.. This conditional registration will expire automatically on 3/17/2003. If you fail to satisfy the conditions imposed in the registration, EPA may issue a Notice of Intent to Cancel under Section 6(e) of FIFRA.

8. The basic and alternate Confidential Statement of Formula dated June 27, 2000 are in compliance with PR Notice 91-2, agrees with the label claims and are acceptable.

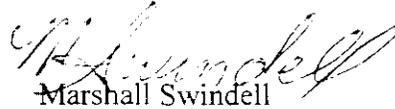
9. Submit two (2) copies of the revised final printed labeling before you release the product for shipment.

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 sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,



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

**FRONT PANEL**

**OPTIMA - Blue**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

FEB 06 2001

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

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New, Activator Technology For Protection From Slime  
Advanced Performance Antifouling  
Self-Polishing, No Paint Build-Up  
Multi-Seasonal, Haul & Relaunch without Repainting

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Active Ingredient:

Cuprous Oxide = 28.45%

EPA Registration No. 2693-ROG

Inert Ingredients: = 71.55%

100.00%

EPA Establishment No. 2693-NJ-1

Copper as Metallic = 25.74%

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KEEP OUT OF REACH OF CHILDREN

**WARNING**

See side panel for additional precautionary statements

Mix only with Optima Activator Part B

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NET CONTENTS: 0.875 GALLON, 3.31 L

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**BASE PART A**

International Paint Inc.  
2270 Morris Ave.  
Union, NJ 07083

CORROSIVE. WHEN COMPONENTS ARE MIXED TOGETHER MAY CAUSE SEVERE EYE IRRITATION THAT COULD LEAD TO IRREVERSIBLE EYE DAMAGE. DO NOT GET IN EYES OR ON CLOTHING. WEAR PROTECTIVE EYE WEAR.

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## LEFT PANEL

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 vapor. While sanding boat surface, wear a mask or a respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute of Occupational Safety and Health. 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 water. Avoid alcohol. Get medical attention.

IF IN EYES: Flush with plenty of water. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

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

## ENVIRONMENTAL HAZARDS:

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 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.

## STORAGE AND DISPOSAL:

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide Disposal: Pesticide 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 procedure.

For Chemical Emergency, Spill, Leak, **Exposure** or Accident, Call Toll Free - Day or Night - Chemtrec 1-800-424-9300. **Medical Advisory Number** - Contact your Local Poison Control Center or call 1-800-854-6813.

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**OPTIMA**

**Product Description:** Optima® offers an entirely new development in antifouling paint technology. This special two-pack paint was formulated with an advanced Activator Biocide System that provides exceptional protection from all types of shell and weed fouling. Optima also uses Biolux™ technology to control slime and algae growth. Optima is a multi-season, self polishing copolymer that washes away over time similar to a bar of soap. This results in reduced build up of old coatings and minimizes sanding at reapplication. This copolymer technology also allows the boat to be hauled and relaunched without recoating. Optima is for use below the waterline on fiberglass, wood and properly primed metal boat hulls and parts. Do not use on aluminum. Optima can be used in fresh, salt and brackish waters. Apply by brush and roller only, do not spray. Wet sand only, do not dry sand.

**DIRECTIONS FOR USE**

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

**COMPATIBILITY:** OPTIMA can be applied over most hard, conventional antifouling paints as long as the old coating is tightly adhered, is in sound condition, and has been roughly sanded with 80 grit wet sandpaper.

OPTIMA should not be applied over MICRON® 33, MICRON® 44 or soft antifouling paints. These old coatings should be removed.

**V.O.C.:** Less than 150 grams/liter.

**THINNING:** Thin only when necessary. Do not exceed 10% by volume.

**THINNER:** Brushing - INTERLUX® PAINT CONDITIONER 6216.  
Spraying - Do not spray.

**CLEAN-UP:** INTERLUX® PAINT CONDITIONER 6216.

**THEORETICAL COVERAGE:** 375 square ft./gallon. Yields 1.2 mils dry film thickness.

**INDUCTION TIME:** 10 minutes.

**MIXING RATIO:** 7 parts Base to 1 part Activator (by volume)

**APPLICATION TEMPERATURES:** 50°F (10°C) and above\* (Air and Hull)

\* If either hull or air temperature falls below 50°F (10°C) during the 16 hour dry time extend the dry time to a minimum of 48 hours.

Do not apply if the air feels damp or it is raining. If it rains immediately after application allow to dry for a minimum of 24 hours (48 hours @ <50°F (10°C)) after it has stopped raining, prior to launch or overcoat.

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## APPLICATION SYSTEMS

Mix only when ready to use. Stir the Antifouling base and the Activator thoroughly, prior to mixing the two components. Then pour the Activator into the Antifouling base, stirring continuously. Stir the two parts together well, prior to use. Failure to properly mix the two components will result in a streaky appearance of the paint when applied. After mixing let stand for 10 minutes. Apply at least two full coats (3 coats on bare wood) of OPTIMA by brush or high density foam roller. (We recommend that a different color of Optima be applied for the first coat of a multi-coat application. This will act as a signal coat that the other layers have worn away and that it is time to apply more Optima). Keep in mind that the life of the paint is directly related to the amount of paint applied. If during application the brush pulls or the roller drags, add small increments of INTERLUX® PAINT CONDITIONER 6216 to improve handling but do not add more than 10% by volume. Certain areas of the hull experience faster polishing than the other areas. These areas include the waterline, the leading edge of the keel, the rudder and the bow stem. It is suggested that an additional coat of paint be applied to these areas to insure that the OPTIMA does not wash away before the other areas of the bottom. Mix only as much OPTIMA as can be used within the pot life.

Important - before applying OPTIMA, all underwater metal fittings (except zinc anodes) should be coated with Primewash 353/354, thinned with 355 followed by a suitable primer, such as Interlux 360R or 370 Aerosol, or InterProtect 2000 following label application instructions. Include a 2" boundary of primer around those fittings before painting with Optima. Alternatively apply two coats of conventional solvent based antifouling paint on and around all under water metal fittings and a 2" boundary around the anodes. Do not allow OPTIMA to come in contact with zinc anodes.

**PREVIOUSLY PAINTED SURFACES - Good Condition:** Remove all traces of loose paint and contamination by sanding the entire surface well with 80 grit wet sandpaper, rinse surface clean using clean fresh water and allow to dry 24 hours. Apply at least 2 coats of OPTIMA allowing proper dry times between coats.

**PREVIOUSLY PAINTED SURFACES - Poor Condition:** Completely remove all antifouling paint with INTERLUX® INTERSTRIP 299E for fiberglass, wood or by sandblasting steel surfaces to a near white metal. Proceed with application for bare work described below.

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amended, and pursuant to  
registrations under FIFRA Reg. No.

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**BARE FIBERGLASS - Surface Preparation (Polyester or Vinylester):** It is very important that bare fiberglass be prepared properly to prevent delamination of antifouling paint. Scrub the surface thoroughly with soap and water using a stiff bristled brush. Flush well with fresh water. When the surface is dry, wipe a small area with a clean cloth that has been wetted with INTERLUX® FIBERGLASS SOLVENT WASH 202. While the surface is still wet remove with a clean dry cloth. Repeat this process until the entire surface has been cleaned. To be certain that all wax and surface contaminants have been removed, run water over the surface. If the water beads up or separates, wipe again with FIBERGLASS SOLVENT WAS 202. When the water sheets off, all contamination has been removed. Sanding does not remove contamination. After the surface has been properly cleaned, proceed with the application systems below. Repair any surface imperfections using INTERPROTECT WATERTITE. Wet sand the repaired areas and wipe clean.

**BARE FIBERGLASS - No Sand System:** Clean the surface following the preparation procedure described above. Apply one thin continuous coat of INTERLUX® FIBERGLASS PRIMER®. Follow the primer label directions for overcoating. Apply at least 2 coats of OPTIMA. Allow proper dry times between coats.

**BARE FIBERGLASS - Sanding System:** Clean the surface following the preparation procedures described above. Sand the entire surface with 80 grit sandpaper until a flat, matte finish is obtained. Wipe the surface residue off the surface with FIBERGLASS SOLVENT WASH 202. Apply at least two coats of OPTIMA.

**BARE WOOD:** Wet sand entire surface with 80 grit sandpaper; wipe surface clean with INTERLUX® BRUSH-EASE 433. Repair imperfections with INTERPROTECT WATERTITE; sand and wipe clean. Apply first coat of OPTIMA reduced 10% with PAINT CONDITIONER 6216 to penetrate into the wood. Fill seams with INTERLUX® SEAM COMPOUND 30. Apply second and third coats of OPTIMA unreduced. Allow proper dry times between coats.

**UNDERWATER METALS:** All underwater metals must be properly primed prior to application of Optima with either Primocon 360R or Interprotect 2000E/2001E. Contact the Interlux Technical Service Department at 1-800-468-7589 for details on how to properly prime underwater metals. Do not use on aluminum.

Color difference may occur between actual paint and color swatch on front of can.

**KEEP FROM FREEZING**

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Temperature	Pot Life	DRY TIME CHART		LAUNCH TIME		
		Overcoating Time		Dry 50% Relative Humidity	75% Relative Humidity	Humid 85% Relative Humidity
		Min.	Max.	Min.	Min.	Min.
40° F (5° C)	24 Hrs.	7 Hrs.	2 wk	48 Hrs	72 Hrs	Do Not
50° F (10° C)	16 Hrs.	6 Hrs.	2 wk	36 Hrs	48 Hrs.	Apply
60° F (15° C)	8 Hrs.	5 Hrs.	2 wk	16 Hrs	24 Hrs	48 Hrs
75° F (24° C)	4 Hrs.	4 Hrs.	2 wk	5 Hrs	7 Hrs	36 Hrs
85° F (35° C)	2 Hrs.	3 Hrs.	2 wk	2 Hrs	5 Hrs	24 Hrs

Small amounts of any Optima remaining in closed can after mixing and beyond pot life can be used for painting pad areas for up to two weeks without losing effectiveness. However, the thickened paint will need to be thinned slightly with Interlux paint conditioner (maximum 10%) and thoroughly mixed to allow for application by brush.

The maximum time to launch is indefinite, so you can launch the boat anytime after the minimum dry time, ensuring maximum flexibility. OPTIMA must be fully dry before launching. It should not be applied to pad or block areas immediately prior to launching.

Interlux

For information call (908) 686-1300  
or write Interlux 2270 Morris Avenue, Union, NJ 07083

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