<u> </u>	102.00-32	3/	20/98	
	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs	EPA Reg. Number:	l Date of Issuance	
UNITED STATES	Antimicrobials Division (7510W) 401 "M" St., S.W. Washington, D.C. 20460	10250-52	MAR 2 0 1998	
THE PROTECTOR	NOTICE OF PESTICIDE:	Term of Issuance: Expires June 30, 2000		
<b>1</b>	Reregistration			
(under FIFRA, a	s arended)	Name of Pesticide Product: Hempel's Antifouling Combic 71990-19990		
Name and Addres	s of Registrant (include ZIF Code):			
6901 Cav	oatings (USA), Inc. alcade TX 77028			
be submitted to	n labeling differing in substance from that accepted in and accepted by the Registration Division prior to use on this product always refer to the above EPA registrati	of the label in comm	registration must erce. In any	
	information furnished by the registrant, the acove name gistered under the Federal Insecticide, Fungicide and Ro		2	
In order to pro cancel the regi with the regist	in no way to be construed as an endorsement or recomment tect health and the environment, the Administrator, on h stration of a pesticide in accordance with the Act. The ration of a product under this Act is not to be construe f the name or to its use if it has been covered by other	is motion, may at any time suspend or acceptance of any name in connection d as giving the registrant a right to		
	product is conditionally register . 3(c)(7)(A) provided that you:	red in accord	lance with	
your prod registran acceptabl	Submit and/or cite all data requir nuct under FIFRA sec. 3(c)(5) when ts of similar products to submit s e responses required for reregista RA section 4.	the Agency is such data; and	requires all nd submit	
2.	Make the following label changes:			
	make the toriowing table changes.	· •		
a.	Revise the EPA Registration Number 10250-52".		PA Reg. No.	
	Revise the EPA Registration Number	er to read,"E s not permit	ted on your	
b.	Revise the EPA Registration Number 10250-52". The use of the words "Tin Free" i product labeling. The use of this	er to read,"E s not permit is phrase is Establishmer e particular ect format fo	ted on your an implied it No site number or the	
b.	Revise the EPA Registration Number 10250-52". The use of the words "Tin Free" is product labeling. The use of this safety claim. Please note and correct your EPA Your number does not indicate the in the State of Texas. The correct	er to read,"E s not permit is phrase is Establishmer e particular ect format fo	ted on your an implied nt No site number or the	
b.	Revise the EPA Registration Number 10250-52". The use of the words "Tin Free" i product labeling. The use of this safety claim. Please note and correct your EPA Your number does not indicate the in the State of Texas. The correct EPA Establishment No. is 10250-The	er to read,"E s not permit is phrase is Establishmer e particular ect format fo K-01 or -02,	ted on your an implied at No site number or the etc.	
b. C. Signature of Approvir	Revise the EPA Registration Number 10250-52". The use of the words "Tin Free" i product labeling. The use of this safety claim. Please note and correct your EPA Your number does not indicate the in the State of Texas. The correct EPA Establishment No. is 10250-The	er to read,"E s not permit is phrase is Establishmer e particular ect format fo K-01 or -02,	ted on your an implied at No site number or the etc.	

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d. Revise your Precautionary Statements to read:

Harmful if absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear protective clothing such as gloves, long-sleeved cotton shirt, long pants, and hat.Avoid breathing spray mist. While spraying paint or sanding or sand blasting boat surfaces, wear a mask or a respirator jointly approved by the Mining Safety & Health Administration and the National Institute of Occupational Safety and Health. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. May pose an aspiration pneumonia hazard.

- e. Revise your Statement of Practical Treatment to read:
  - If Swallowed: Call a physician or Poison control Center. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.
  - 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.
  - If In Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

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

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### 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 73-2 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 (<u>Daphnia</u>), or GLN 72-3(c)Acute LC50 Estuarine and Marine Invertebrate, and

GLN 123-2 Aquatic Plant Growth (2 spcies: <u>Navicula</u> <u>pelliculosa</u>, and <u>Skeletonema costatum</u>)

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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

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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. Please note that an Irgarol Release Rate Study must be generated for each alternate formulation you submit. The proposed formulations the agency has designated as Alt.#1, Alt.#2, Alt.#3, Alt.#4, Alt.#5, and Alt.#7 can not be approved for use at this time.

The release rate data for the red (basic)formulation was reviewed and found to be acceptable. The Irgarol release rate for the Combic Tin Free 71990-5110 Red formulation was determined to be 5.84 ug/cm2/day.

The release rate data for the alternate Combic Tin Free 71990-19990 Black formulation (MRID 440779410) was mistakenly overlooked and not reviewed as yet. However, you may market the black formulation while the agency reviews your data. If the data is determined to be unacceptable you must submit an acceptable study within 18 months (i.e., September 20, 1999) of the date stamped on this Notice of Conditional Registration.

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, PM 33

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

-	HEMPEL 5 ANTIFOULING COMBIC	4/6
	71990-19990 BLF	JCK
·	ACTIVE INGREDIENT HEIGHT	PERCENT
	CUPROUS OXIDE N-CYCLOPROPYL-N'-<1,1-DIMETHYLETHYL>-6-(METHYLTHIO)- 1,3,5-TRIAZINE-2,4-DIAMINE	39.72 2.51
)	INERT INGREDIENTS TOTAL METALLIC COPPER 35.96% BY WEIGHT CONTAINS PETROLEUM DISTILLATES	57.77 100.00
	KEEP OUT OF REACH OF CHILDREN CAUTION PRACTICAL TREATMENTIF SHALLOHED: Drink promptly a large quantity of milk, egg white gelatin solution or, if those are not available, drink large quant of water. Avoid alcohol. Get medical attention.MOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the of gastric lavage.IF IN EYES: Flush with plenty of water. Get medical attention immediately.IF ON SKIN: Wash with plenty of soap and water. Get medical attention immediately.IF IN SKIN: Wash with plenty of soap and water. Get medical attention immediately.IF IN SKIN: Wash with plenty of soap and water. Get medical attention immediately.IF IN SKIN: Wash with plenty of soap and water. Get medical attention immediately.IF IN SKIN: Wash with plenty of soap and water. Get medical attention immediately.IF IN SKIN: Wash with plenty of soap and water. Get medical attention immediately.IF IN SKIN: Wash with plenty of soap and water. Get medical attention immediately.IF IN SKIN: Wash with plenty of soap and water. Get medical attention immediately.IF IN SKIN: Wash with plenty of soap and water. Get medical attention immediately.IF IN SKIN: Wash with plenty of soap and water. Get medical attention its is interviewed to the source of the	ntities he use tention. arti- ntion.
with COB In EPA Los	FOR USE IN COMMERCIAL OR HAWY SHIPYARDS ONLY. NOT FOR SALE TO USE OR STORAGE BY PRIVATE APPLICATORS OR MARINA PERSONNEL. MADE IN U.S. A AND SOLD BY HEMPEL COATINGS (USA), INC. 6901 Cavalcade, Houston, TX 77028	

Under the Federal Insectinide, Rungiolice, and Rodsmitcide Acras amended, for the pesticide, registered under EPA Reg. No. 10350-52

SHACHI NU. 1.7 EPA REGISTRATION NO. -----NET CONTENTS: 5 U.S. GALLONS ACCEPTED with COMMENTS In TRA Lease Dated:

#### MAR 2 0 1998

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Under the Faderal Insecticide,  $\beta$ Functions and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 10250-52

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

\*CHUTION Harmful if swallowed or inhaled. Avoid breathing vapor, wist, or chips during painting or sanding. Avoid contact with skin, eyes or clothing. Hear goggles, or face shield, rubber gloves, and other protective clothing such as long sleeved shirt. long pants, and hat. Use with adequate ventilation. While spraying paint or sanding boat surface, wear a respirator jointly approved by the Mining Enforcement and Safety Administration and National Institute for Decupational Safety and Health.

ENVIRONMENTAL HAZAROS This material is toxic to fish and aquatic invertebrates. Bo not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other maters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in mriting prior to discharge. Bo not discharge effluent containing this product to semer systems without previously notifying the local semage treatment plant authority. For guidance contact your State Mater Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of maste. Do not allow chips and dost generated during paint removal to enter mater. Dispose of paint debris in an approved landfill.

PHYSICAL CHEMICAL HAZARDS: FLAMMABLE LIQUID AND VAPOR Keep container closed. Use with adequate ventilation. Store in cool drupplace anaut from heat, suplight and open flame.

This labeling must be in the possession of the user at the time of pesticide application. While all HEMPEL products are developed and manufactured with the otmost care, we offer these products with the express understanding that the user will determine the suitability for his intended use and assume all risk and liability in connection therewith. If the product is used other than directed hereon we expressly disclaim any responsibility for its use, handling, storage, result obtained, injury or indirect or consequential damages of any nature whatsoever however caused.

HEMPEL'S only obligation shall be to replace such quantity of product proved to be defective.

THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE FOR THIS PRODUCT.

BATCH NO. : UH-TRIAL

HENFEL'S ANTIFOULING 71998 is an advanced antifouling paint containing cuprous oxide and an organic bioactive material for prevention of sessile marine fouling organisms. Recommended for undermater surfaces of steel vessels operated in all coastal and oceanic maters where tin paints are not suitable.

### DIRECTIONS FOR USE

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

APPLICATION INSTRUCTIONS: Stir thoroughly and apply to a clean dry surface with a temperature above the dew point. Apply over HEMPATEX 4633 or according to specifications. Film thickness and number of coats depend upon hull condition, trading pattern, and extended service life. Allow at least 10 hours dry time between coats of ANTIFOULING 71990 at 28C/68F. Drying time is proportionally longer at lower temperatures. If thinning is required for brush, roller, conventional spray or airless application, use HEMPEL'S THINNER No. 8808. Equipment should be promptly cleaned with THINNER 8308 after use. The ship may be floated when final coat of paint is dry for 12 hours. Prolonged exposure to the atmosphere may affect the properties of HEMPEL's ANTIFOULING 71990.

# STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. PESTICIDE DISPOSAL Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Lam. If these wastes cannot be disposed of by using label instructions contact your State pesticide or environmental control agency, or hazardous waste representative at the nearest EPA regional office. CONTAINER DISPOSAL Triple rinse (or equivalent) then offer for recycling or reconditioning or puncture and dispose of in a sanitary

landfill, or by other approved State and Local procedures. GENERAL

Consult Federal, Stata, or Local disposal authorities for approved alternative procedures

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ACCEPTED with COMMENTS in EPA Lotter Dated:

MAR 2 0 1998

10250-52

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