



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 1, 2018

Carol Ferraro
THOR Specialties, Inc
50 Waterview Drive
Shelton, CT 06484

Subject: Notification per PRN 98-10 – *Removing the qualifier (*) from: Adhesives, Inks, Paints and Coatings, Building Materials and adding the qualifier (*) to: Pigment Dispersions (including colorants) and adding “against fungi” to Building Materials to clarify the pest for this use.*
Product Name: **ACTICIDE® IPW 40**
EPA Registration Number: 67071-83
Application Date: 1/31/2018
Decision Number: 537917

Dear Ms. Ferraro:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, please contact Stacey Grigsby by phone at 703.305.6440, or via email at grigsby.stacey@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Stacey Grigsby".

Stacey Grigsby
Regulatory Risk Manager, 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

03/01/2018

Label #083-00 V0045 – 24-MAY-201730-JAN-2018

ACTICIDE® IPW 40



Precautionary Statements:

Hazards to Humans and Domestic Animals

DANGER

Corrosive. Causes irreversible eye damage. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing vapor or spray mist. Wear goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Long sleeved shirt and long pants, socks, shoes, goggles, face shield and chemical resistant gloves. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY INSTRUCTIONS

Do not apply this product in a way that will contact workers or other persons. Users must wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove personal protective equipment immediately after handling the product. Wash the outside of gloves before removing. As soon as possible wash thoroughly.

CONDITIONS OF SALE AND WARRANTY

Thor GmbH warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. THOR GMBH MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of Thor GmbH and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL THOR GMBH OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

DIRECTIONS FOR USE

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

Industrial microbiocide for use in aqueous products. READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.

ACTIVE INGREDIENTS:

3-Iodo-2-Propynyl Butyl Carbamate40.00%

OTHER INGREDIENTS:60.00%

TOTAL:100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

See Side panel for additional precautionary statements

| FIRST AID | |
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| If in Eyes: | <ul style="list-style-type: none"> ➢ 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. |
| If on Skin or clothing: | <ul style="list-style-type: none"> ➢ 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. |
| If Inhaled: | <ul style="list-style-type: none"> ➢ 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 Swallowed: | <ul style="list-style-type: none"> ➢ 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 the poison control center or doctor. ➢ Do not give anything by mouth to an unconscious person |
| Note to Physician: | Probable mucosal damage may contraindicate the use of gastric lavage |
| Have the product container or label with you when calling a Poison Control Center or doctor for treatment advice | |
| For emergency information call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222. | |
| HOT LINE NUMBER: In case of emergency and For Transportation / Spill Emergency: Call Chemtrec at 1-800-424-9300 | |

EPA Reg. No. : 67071-83

EPA Est. No.: 67071-DEU-001

Manufactured By/For: Thor GmbH
D-67346 Speyer, Germany

U.S. Office: Thor Specialties, Inc.
50 Waterview Drive; Shelton, CT 06484 USA
Tel. (203) 516-6980

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste. For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

STORAGE AND DISPOSAL

Store in original container in a cool place. Protect from excessive heat.

PESTICIDE STORAGE: Do not store or transport in unlined metal containers.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If waste cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

GENERAL: CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

UN 3082

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (3-iodo-2-propynyl-butylcarbamate), 9, PG-III

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| Batch: | Mfg Date: | Net Contents (pounds): (gallons): |
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ACTICIDE® IPW 40 INFORMATION SHEET

**THIS ACTICIDE® IPW 40 INFORMATION SHEET MUST ACCOMPANY EACH
SHIPMENT OF ACTICIDE® IPW 40**

DIRECTIONS FOR USE

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

| | |
|---|---|
| <p>Remove asterisk→*Adhesives</p> <p>ACTICIDE® IPW 40 is used in non-medical, non-food use natural and synthetic adhesive formulations for protection of these solutions against attack by fungal organisms in both the wet state and in the dry film of the finished product.</p> <p>It is required that this product be added at the end of the production cycle with good agitation.</p> <p><i>*Not approved for this use in the State of California</i></p> | <p>0.03 – 0.63% of ACTICIDE® IPW 40 (0.03 lb to 0.63 lbs per 100 lbs formula)</p> |
| <p>Add asterisk→*Pigment Dispersions (including colorants)</p> <p>ACTICIDE® IPW 40 may be used in pigment dispersions for protection of these solutions against attack by fungal organisms.</p> <p>It is recommended that this product be added at the end of the production cycle with good agitation.</p> <p><i>*Not approved for this use in the State of California</i></p> | <p>0.15 – 2.0% of ACTICIDE® IPW 40 (0.15 lb to 2.0 lbs per 100 lbs formula)</p> |
| <p>Remove asterisk→*Inks</p> <p>ACTICIDE® IPW 40 is used in aqueous-based ink solutions for protection of these solutions against attack by fungal organisms.</p> <p>It is required that this product be added at the end of the production cycle with good agitation.</p> <p><i>*Not approved for this use in the State of California</i></p> | <p>0.03 – 0.75% of ACTICIDE® IPW 40 (0.03 lb to 0.75 lbs per 100 lbs formula)</p> |
| <p>Remove asterisk→*Paints and Coatings (including stains)</p> <p>ACTICIDE® IPW 40 is used in solvent and aqueous paints and coatings for protection against attack by fungal organisms in both the wet state and in the dry film of the finished product.</p> <p>It is required that this product be added at the end of the production cycle with good agitation.</p> <p>Where mold and mildew growth is a major problem for treated surfaces, up to 2.00% by weight in the wet paint or coating may be used.</p> <p><i>*Not approved for this use in the State of California</i></p> | <p>Interior: 0.1 – 0.5% of ACTICIDE® IPW 40 (0.1 lb to 0.5 lbs per 100 lbs formula)</p> <p>Exterior: 0.25 – 1.25% of ACTICIDE® IPW 40 (0.25 lb to 1.25 lbs per 100 lbs formula)</p> |



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| <p>*Wood Stains</p> <p>ACTICIDE® IPW 40 is used as an additive to stains designed to be applied to exterior siding, decks, lawn furniture, etc. to prevent the growth of mold and mildew.</p> <p>Not to be used on wood that comes in contact with food. Surfaces which may be in continuous contact with skin must be coated with a varnish or lacquer after treatment.</p> <p><i>*Not approved for this use in the State of California</i></p> | <p>0.5 – 2.5% of ACTICIDE® IPW 40 (0.5 lb to 2.5 lbs per 100 lbs formula)</p> |
| <p>*Paper Coatings</p> <p>ACTICIDE® IPW 40 is used in solvent and aqueous paints and coatings which are applied to non-food contact paper and cardboard substrates to prevent surface mold and mildew growth. For protection against attack by fungal organisms in both the wet state and in the dry film of the finished product.</p> <p>It is required that this product be added at the end of the production cycle with good agitation.</p> <p><i>*Not approved for this use in the State of California</i></p> | <p>0.05 – 0.75% of ACTICIDE® IPW 40 (0.1 lb to 0.75 lbs per 100 lbs formula)</p> |
| <p>Remove asterisk→*Building Materials</p> <p>ACTICIDE® IPW 40 is used to treat non-food contact building materials including: cellulosic materials, wallboard/drywall/sheetrock/gypsum board, concrete, masonry, wood composite materials, grouts, caulks <u>against fungi</u>.</p> <p><i>*Not approved for this use in the State of California</i></p> | <p>0.05 – 1.25% of ACTICIDE® IPW 40 (0.05 lb to 1.25 lbs per 100 lbs formula)</p> |
| <p>*Household Consumer, Industrial, Janitorial Products</p> <p>ACTICIDE® IPW 40 is used to control the growth of fungi in non-food contact household consumer, industrial, janitorial products.</p> <p>End use applications include cleaning wipes, laundry products, cleaners, floor care products, car care products. For the preservation of liquids, gels, waxes, pre-moistened wipes or solutions delivered by mops or sponges.</p> <p><i>*Not approved for this use in the State of California</i></p> | <p>0.01 – 0.08% of ACTICIDE® IPW 40 (0.01 lb to 0.08 lbs per 100 lbs formula)</p> |



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| <p>*Textiles</p> <p>ACTICIDE® IPW 40 is used as a mildewcide in both aqueous and solvent-based process formulations, including coatings and dyes which are used in textile processing. End-use applications of these materials include: fibers and backings, canvas and cordage, drapes and shower curtains. Not to be used in fabrics intended for human wear or direct skin contact.</p> <p>This product is to be solubilized or stirred in the dye bath or polymer coating pan to minimize mechanical losses and ensure a uniform distribution of the product.</p> <p><i>*Not approved for this use in the State of California</i></p> | <p>0.05 – 0.75% of ACTICIDE® IPW 40 (0.05 lb to 0.75 lbs per 100 lbs formula)</p> |
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***Aqueous Metalworking, Cutting, Cooling and Lubricating Fluids:**

To inhibit the growth of fungi in aqueous metalworking, cutting, cooling and lubricating fluids, add up to 1,000 ppm of this product to the diluted fluid. Add this product to the fluid at preparation or to the reservoir (sump) containing the fluid. If added to the reservoir, circulate the fluid to ensure mixing.

Concentrates: To inhibit the growth of fungi in aqueous metalworking, cutting, cooling and lubricating concentrates, add an amount that will give up to 1,000 ppm in the diluted fluid. The amount required in the concentrate will depend on the end use dilution.

**Not approved for this use in the State of California*

***Wood Preservation**

ACTICIDE® IPW 40 is designed for use as a wood preservative for use in above ground applications. All use levels are in percentage by weight, and refer to this product. Dosage ranges are given for the various applications to indicate the approximate levels for a particular application. Exact level of use must be determined by field trials.

ACTICIDE® IPW 40 may be applied from solvent solutions or aqueous dispersions to new lumber, plywood, particle board, millwork, etc., to prevent the growth of mildew, sapstain and wood rot on these substrates. This product is for use on wood in above ground use only.

Treating solutions may be prepared by diluting this product in alcohols or aromatic solvents or by dispersion in water. Levels of 0.1 – 1.0% of this product are suggested depending upon the severity of conditions for end use, and the extent of time that protection is required.

For freshly sawn lumber, a concentration of 0.2% of this product is suggested as a starting level. A one minute dip at ambient temperatures in a solution or aqueous dispersion containing 0.2% of this product should be adequate to control the development of mildew and sapstain organisms on the lumber. Because of the great variation in susceptibility of fresh sawn lumber relating to the type of wood, sawing and storage techniques, conditions of humidity, method of treatment, etc., it is usually necessary to carry out field tests to determine the most appropriate means of application and the optimum concentration of this product to be used within the range specified.

For best results, lumber must be treated within twenty-four hours after it is sawed. The lumber must be completely immersed in the treating bath, and the treating vat designed to permit easy immersion and removal, and to minimize



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spillage. The vat may be cleaned by emptying and rinsing with a suitable solvent or by use of a detergent solution. To add additional product while treating, first prepare the proper solution or emulsion in a separate container (of wood, plastic, or stainless steel construction) and add to the treating vessel.

After treatment, lumber must be stacked in a properly maintained seasoning yard with good drainage so that no water will accumulate, in any area. The yard must be kept free from weeds and vegetation, which may hold moisture and promote growth of decay and stain producing fungi. All debris and lumber scraps must be removed from the area. A properly laid out yard should take advantage of prevailing winds to permit good air circulation. Main alleys should be at least 16 feet wide. Stack foundations must be sufficiently elevated to permit ready access of air to the pile, and allow water to drain off quickly.

**Not approved for this use in the State of California*