



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 10, 2017

Michelle Behr  
Quality Assurance Specialist  
Thor GmbH  
Thor Specialties, Inc  
50 Waterview Drive  
Shelton, CT 06484

Subject: Notification per PRN 98-10 – To add the qualifier (\*) not currently approved in  
“California”  
Product Name: ACTICIDE PDP 20-F  
EPA Registration Number: 67071-73  
Application Date: May 24, 2017  
Decision Number: 530036

Dear Ms. Behr:

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, you may contact Zebora Johnson at (703) 308-7080 or via email at [johnson.zebora@epa.gov](mailto:johnson.zebora@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Zeno Bain".

Zeno Bain,  
Acting Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)



**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and wildlife. Do not contaminate water when disposing of equipment washwaters. 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 DISPOSAL**

This product is corrosive to mild steel.  
**PESTICIDE STORAGE:** Do not store or transport in unlined metal containers. Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

**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: [For containers < 5 gallons in size] – Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. [For containers > 5 gallons in size] - 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.

**NOTIFICATION**

67071-73

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:

08/10/2017

**ACTICIDE® PDP 20-F**

ACTIVE INGREDIENTS:  
 4,5-Dichloro-2-n-octyl-3(2H)-isothiazolone ..... 20.00%  
 OTHER INGREDIENTS: ..... 80.00%  
 TOTAL: ..... 100.00%  
 ACTICIDE® PDP 20-F weighs 8.37 lb. per gallon

**KEEP OUT OF REACH OF CHILDREN  
 WARNING**

See Side panel for additional precautionary statements

**FIRST AID**

- 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.
  - 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.
  - 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 Swallowed:**
    - > Immediately call a poison control center or doctor
    - > Do not induce vomiting unless told to do so by the poison control center or doctor.
    - > Do not give any liquid to the person
    - > Do not give anything by mouth to an unconscious person
- Have the product container or label with you when calling a poison control center or doctor, or when going for treatment**
- Note to physician:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.
- In case of an emergency:** Call the National Pesticides Information Center (NPC) at 1-800-858-7378

**Precautionary Statements:  
 Hazards to Humans and Domestic Animals  
 WARNING**

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear, such as goggles, face shield, or safety glasses. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin or clothing. Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, and using the toilet. Remove contaminated clothing and wash clothing before reuse.

**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 Plastics, \*Polymer Compounds, Building Materials, Paints and Coatings, Adhesives and **Add asterisk→**Tackifiers  
READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.  
*\*Not approved for use in the State of California*

**EPA Reg. No. 67071-73**

**EPA Est. No. 67071-DEU-001**

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

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

**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.

**UN 3082**, ENVIRONMENTALLY

HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (4,5-dichloro-2-octyl-2H-isothiazol-3-one), 9, PG-III

Batch:	Mfg Date:	Net Contents (pounds): (gallons):
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# ACTICIDE<sup>®</sup> PDP 20-F INFORMATION SHEET

**THIS ACTICIDE<sup>®</sup> PDP 20-F INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE<sup>®</sup> PDP 20-F**

## DIRECTIONS FOR USE

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

Typical applications and suggested range of use concentrations based on total weight of product are as follows:

<p><b>*POLYMER COMPOUNDS</b></p> <p>For use as a mildewcide in PVC, polyurethane, and other polymer compounds</p> <p>To ensure uniform distribution throughout the formulation, it is recommended that ACTICIDE<sup>®</sup> PDP 20-F be pre-blended with plasticizer or other liquid ingredient before the final compounding step.</p> <p><i>*Not approved for this use in the state of California</i></p>	<p><b>0.2 – 1.0%</b> 0.2 – 1.0 LB per 100 LB compounded polymer system</p>
<p><b>PAINTS AND COATINGS</b></p> <p>For use as a microbiocide to control bacteria, algae, and fungi in coatings, latex and solvent-based paints and coatings</p> <p>If necessary, higher dosages, up to 1.0% (1.0 lb per 100 lb of formulation) may be used depending on the level of control required.</p> <p><b>CONCENTRATES:</b></p> <p>ACTICIDE<sup>®</sup> PDP 20-F should be added to the polymer latex concentrate at a level to ensure that the final use dilution will contain 0.12% to 0.56% ACTICIDE<sup>®</sup> PDP 20-F.</p>	<p><b>0.12 – 0.56%</b> 0.12 – 0.56 LB per 100 LB of formulation</p>
<p><b>BUILDING MATERIALS</b></p> <p>For use as a microbiocide to control bacteria, algae, and fungi in building materials, elastomeric roof and wall coatings and mastics, caulks, sealants, joint cements, concrete admixtures, spackling, stucco, grouting, insulation and exterior finish systems.</p> <p>If necessary, higher dosages, up to 1.0% (1.0 lb per 100 lb of formulation) may be used depending on the level of control required.</p>	<p><b>0.12 – 0.56%</b> 0.12 – 0.56 LB per 100 LB of formulation</p>
<p><b>ADHESIVES</b></p> <p>For use as a microbiocide to control bacteria and fungi in starch and dextrin-based pastes, water-soluble and water-dispersed adhesives, animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene butadiene and acrylic homo-polymers or hetero-polymers.</p>	<p><b>0.12 – 0.56%</b> 0.12 – 0.56 LB per 100 LB of formulation</p>



# ACTICIDE<sup>®</sup> PDP 20-F INFORMATION SHEET

**THIS ACTICIDE<sup>®</sup> PDP 20-F INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT  
OF ACTICIDE<sup>®</sup> PDP 20-F**

## DIRECTIONS FOR USE

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

<b>*TACKIFIERS</b> For use as a preservative for tackifiers derived from rosin and hydrocarbon resins. <i>*Not approved for this use in the state of California</i>	<b>0.12 – 0.56%</b> 0.12 – 0.56 LB per 100 LB of formulation
<b>PLASTICS</b> <b>INTERIOR APPLICATIONS:</b> such as PVC flooring and wall coverings, coated fabrics for upholstery, interior automotive parts, refrigerator gaskets, shower curtains, and mattress covers. <b>EXTERIOR APPLICATIONS:</b> such as automotive landau tops, exterior automotive trim, tarpaulins, awnings, ditch and pond liners, marine upholstery, swimming pool liners.	<b>0.4 – 0.6%</b> 0.4 – 0.6 LB per 100 LB of compound  <b>0.7 - 1.0%</b> 0.7 - 1.0 LB per 100 LB of compound
<b>PLASTIC CONCENTRATES:</b> For use in unregistered treated article intermediates that will be further processed to manufacture articles such as PVC flooring, wall coverings, coated fabrics for upholstery and shower curtains for interior use and automotive landau tops, tarpaulins, awnings and marine upholstery for exterior use. The intermediate treated plastic concentrate must be used in proportion to untreated plastic and other inputs in the fabrication of plastic articles entering commerce so that the final concentration of active ingredient does not exceed the application rate of 0.6% ACTICIDE <sup>®</sup> PDP 20-F for the various interior articles to be preserved and 1.0% ACTICIDE <sup>®</sup> PDP 20-F for the various exterior articles to be preserved.	