



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Antimicrobials Division (7510P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

**EPA Reg. Number:**

67071-101

**Date of Issuance:**

6/20/18

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
 (under FIFRA, as amended)

**Term of Issuance:**

Conditional

**Name of Pesticide Product:**

Acticide ZP 100-F

**Name and Address of Registrant (include ZIP Code):**

Thor Specialties, Inc.  
 50 Waterview Drive  
 Shelton, CT 06484

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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 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 section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

**Signature of Approving Official:**

Zeno Bain, Product Manager 33  
 Regulatory Management Branch I  
 Antimicrobials Division (7510P)  
 Office of Pesticide Programs

**Date:**

6/20/18

2. Be aware that proposed data requirements have been identified in a Work Plan. For more information on these proposed data requirements, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>
3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 67071-101.”
5. Submit one copy of the final printed label for the record before you release the product for shipment.

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.

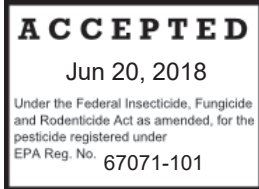
If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 01/06/2017

If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at [heffernan.aline@epa.gov](mailto:heffernan.aline@epa.gov).

Enclosure: Stamped Label

# ACTICIDE® ZP-100F



**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not contaminate water when disposing of equipment wash waters. 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.

**CHEMICAL HAZARD**

Do not store or mix with strong oxidizing agents or strong (concentrated) acids. In case of contamination do not reseal container. If possible, isolate container in open or well-ventilated area. Fumes caused by contamination may be hazardous.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal. **PESTICIDE STORAGE:** Do not freeze. Store above 50°F. Keep container tightly closed when not in use. Do not store with strong oxidizing agents.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If these wastes 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. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling if available or dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

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

**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 FOR A PARTICULAR USE TO THE EXTENT CONSISTENT WITH APPLICABLE LAW. Handling, storage and use of the product by Buyer or User are beyond the control of Thor GmbH and Seller. Risks or other unintended consequences resulting from, but not limited to, failure to follow label directions will be assumed by the Buyer or User to the extent consistent with applicable law. 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 TO THE EXTENT CONSISTENT WITH APPLICABLE LAW.

**ACTIVE INGREDIENTS:**

Zinc 2-pyridinethiol-1-oxide..... 98.9%  
 OTHER INGREDIENTS:..... 1.1%  
 TOTAL:..... 100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

See Side panel for additional precautionary statements

FIRST AID	
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>➤ Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>➤ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>➤ Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>➤ Call a poison control center or doctor immediately for treatment advice.</li> <li>➤ Have person sip a glass of water if able to swallow.</li> <li>➤ Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>➤ Do not give anything by mouth to an unconscious person</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>➤ Move person to fresh air.</li> <li>➤ If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to- mouth, if possible.</li> <li>➤ Call a poison control center or doctor for further treatment advice</li> </ul>
<b>If on Skin: Or Clothing</b>	<ul style="list-style-type: none"> <li>➤ Take off contaminated clothing.</li> <li>➤ Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>➤ Call a poison control center or doctor for treatment.</li> </ul>
<b>HOT LINE NUMBER:</b> For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents) call the National Pesticide Telecommunications Information Center at 1-800-858-7378. For chemical emergency assistance (spill, leak, fire or accident) call CHEMTREC at 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>Note to physician:</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

**Precautionary Statements:**

**Hazards to Humans and Domestic Animals  
DANGER**

Corrosive. Causes irreversible eye damage. May be fatal if swallowed or inhaled. Harmful if absorbed through skin. Do not get in eyes or on clothing. Do not breathe dust. Avoid contact with skin. Wear protective eyewear (goggles, safety glasses, or face shield), long sleeved shirt and long pants, socks, chemical resistant gloves and chemical resistant footwear. Wear a NIOSH approved particulate respirator with any N, R or P filter with NIOSH approval number prefix TC-84A; or a NIOSH approved powered air purifying respirator with HE filter with NIOSH approval number prefix TC-21C. When mixing and loading, or cleaning equipment, wear a chemical resistant apron. 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.

**DIRECTIONS FOR USE**

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

Industrial microbiocide for dry film and/or in can preservation of adhesives, building materials (including caulks, sealants, grouts patching compounds, joint compounds, dry wall, gypsum), polymers (including latex emulsions, thermoplastic resins), slurries (including mineral, pigment and gum slurries) and architectural and industrial paints and coatings. **Not approved for food contact use.**

READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.

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

Manufactured By: Thor GmbH  
D-67346 Speyer, Germany.

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

**UN2811** , TOXIC SOLIDS,  
ORGANIC, N.O.S., (Pyrithione zinc), 6.1, III

Batch:	Mfg Date:	Net Contents (pounds):
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# ACTICIDE® ZP-100F

## INFORMATION SHEET



**THIS ACTICIDE® ZP-100F INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® ZP-100F**

### DIRECTIONS FOR USE

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

<b>DRY FILM PRESERVATION</b>	
<b>THIS PRODUCT PROTECTS THE APPLIED DRY FILM ITSELF AND DOES NOT PROTECT THE UNDERLYING SURFACE FROM ATTACK BY ALGAE OR BACTERIA</b>	
<b>Building Materials Preservation:</b>	
<b>Flooring and Other Non-Food Contact Adhesives:</b> ACTICIDE® ZP-100F microbicide is recommended for fungal and bacterial control.	<b>0.075 – 0.240 %</b> 0.75 – 2.4 lbs. per 1000 lbs. of adhesive. (750–2400 ppm ACTICIDE® ZP-100F)
<b>Caulks/Sealants (Non-Food contact):</b> ACTICIDE® ZP-100F microbicide is recommended for fungal and bacterial control.	<b>0.208 – 0.500 %</b> 2.08 – 5.0 lbs. per 1000 lbs. of caulk/sealant. (2083–5000 ppm ACTICIDE® ZP-100F).
<b>Grouts/Patching Compounds (Non-Food Contact):</b> ACTICIDE® ZP-100F microbicide is recommended for fungal and bacterial control.	<b>0.100 – 0.400 %</b> 1.0 – 4.0 lbs. per 1000 lbs. of grout/patching compound. (1000–4000 ppm ACTICIDE® ZP-100F).
<b>For the Dry Film Preservation of Joint Compounds, Glazing Compounds and Wood Fillers:</b> ACTICIDE® ZP-100F microbicide can inhibit microbial growth (bacteria and fungi) in the dry film of these products.	<b>Up to 0.500 %</b> Up to 5.0 lbs. per 1000 lbs of formulation. (Up to 5000 ppm ACTICIDE® ZP-100F).
<b>To Inhibit the Growth of Bacteria and Fungi In Dry Wall and Gypsum, Pearlite, Plaster-Like, Mineral Based, or Cellulose Derived Building Materials Used In the Manufacture of Ceilings, Ceiling Tile, Walls and Partitions:</b> ACTICIDE® ZP-100F microbicide is recommended to inhibit the growth of bacteria and fungi.	<b>Up to 0.4 %</b> Up to 4.0 lbs. per 1000 lbs of formulation i.e., wet slurry. (Up to 4000 ppm ACTICIDE® ZP-100F).

# ACTICIDE® ZP-100F

## INFORMATION SHEET



**THIS ACTICIDE® ZP-100F INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® ZP-100F**

### DIRECTIONS FOR USE

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

<p><b>For the Dry Film Preservation of Residential Paints Against Fungus or Algae:</b></p> <p>ACTICIDE® ZP-100F microbiocide is recommended for protection against the growth of fungus or algae and bacteria on dry paint film surface.</p>	<p><b>0.250 – 0.500 %</b></p> <p>2.5 – 5.0 lbs per 100 gallons of this product.</p> <p>(2500-5000 ppm ACTICIDE® ZP-100F).</p>
<p><b>For the Dry Film Preservation of Architectural and Industrial Non-Marine Paints and Coatings, including Powder coatings:</b></p> <p>ACTICIDE® ZP-100F microbiocide can inhibit the growth of algae, bacterial slime, mildew, and other fungi. It can be added at any time during the formulation procedure. For example, the dry film of a house paint having a density of 10 lbs. per gallon can be protected against the growth of algae, bacterial slime, mildew and other fungi by the addition of 5000 ppm of this product.</p>	<p><b>Up to 0.500 %</b></p> <p>Up to 5.0 lbs. per 100 gallons of wet paint.</p> <p>(Up to 5000 ppm ACTICIDE® ZP-100F).</p>
<p><b>For the In Can Preservation of Latex Emulsions, Clay, Mineral, Pigment and Guar Gum Slurries Used In the Manufacture of Adhesives, Caulks, Patching Compounds, Sealants and Grouts:</b></p> <p>ACTICIDE® ZP-100F microbiocide is recommended to control bacteria and fungi.</p>	<p><b>Up to 0.500 %</b></p> <p>Up to 5.0 lbs. per 1000 lbs of formulation.</p> <p>(Up to 5000 ppm ACTICIDE® ZP-100F).</p>
<p><b>Not approved for food contact use.</b></p>	