

67071-43

10/28/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

Thor GmbH  
Landwehrstrasse 1  
D-67346,  
Speyer, Germany

OCT 28 2010

**AGENT: Acti-Chem Specialties, Inc.**  
**56 Quarry Road**  
**Trumbull, CT 06611**

Attention: Lynn P. Tordo, MS.  
Regulatory Manager

Subject: ACTICIDE PLN 9  
EPA Registration No. 67071-43  
Amendment Dated September 9, 2010

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

**Proposed Amendment**

- To Expand an Existing Use Category "**Leather Preservative**" listed on the label

**General Comments**

A stamped copy of the "accepted" product labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Marshall Swindell at (703) 308-6341.

Sincerely

A handwritten signature in black ink that reads "M Swindell".

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)

Enclosure

# ACTICIDE® PLN 9



## ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an 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. Apply this pesticide only as specified on this label.

## STORAGE AND DISPOSAL

**Do not contaminate food or feed by storage, disposal or cleaning of equipment.**

**STORAGE DISPOSAL:** 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 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. 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.**

ACTICIDE® PLN 9 is an industrial microbiocide to be used for the protection of plastic/PVC/vinyl products from bacterial and fungal growth.

### ACTIVE INGREDIENT:

2-n-Octyl-4-isothiazolin-3-one 9.30%

### INERT INGREDIENTS:

90.70%

### TOTAL:

100.0%

## KEEP OUT OF REACH OF CHILDREN DANGER

See Side panel for additional precautionary statements

FIRST AID	
<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 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>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 mouth-to- mouth, if possible.</li> <li>* Call a poison control center or doctor for further treatment advice</li> </ul>
<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 eye.</li> <li>*Call a poison control center or doctor for treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage.	
<b>HOT LINE NUMBER:</b> In case of emergency, for additional information call toll free 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>For Transportation / Spill Emergency: Call Chemtrec at 1-800-424-9300</b>	

Manufactured By: Thor GmbH  
D-67346 Speyer, Germany  
Tel. (06232) 6360

U.S. Office: Thor Specialties, Inc.  
56 Quarry Road  
Trumbull, CT 06611 USA  
Tel. (203) 365-6530

EPA Reg. No. 67071-43

EPA Est. No. 67071-001

## Precautionary Statements: Hazards to Humans and Domestic Animals DANGER

**CORROSIVE.** Causes permanent, irrevocable eye damage and skin burns. May cause allergic skin reaction. May be fatal if swallowed. Harmful if absorbed through skin or inhaled. Prolonged or repeated overexposure can cause central nervous system effects and kidney and liver damage. Do not get in eyes, on skin, on clothing. Wear goggles or face shield. Wear protective clothing and rubber gloves. Avoid breathing vapor or mist. Keep container closed. Use with adequate ventilation. Do not take internally. Wash thoroughly with soap and water after handling a. before eating, drinking, or using tobacco.

## DIRECTIONS FOR USE

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

**\*PRESERVATIVE FOR PLASTIC/PVC/VINYL PRODUCTS:** ACTICIDE® PLN 9 mildewcide is recommended for the control of bacteria and fungi in Plastic/PVC/Vinyl products (PVC flooring and wall coverings, coated fabrics for upholstery, interior automotive parts, refrigerator gaskets, shower curtains, mattress covers, artificial leather, rain wear, protective wear, shoes, boots, PVC slippers and gloves). ACTICIDE® PLN 9 is also recommended in situations generally subject to external environmental variations such as use in automotive landau tops, external automotive trim, tarpaulins, tents, awnings, indoor/outdoor carpeting, garden hoses, pool and pond liners, marine upholstery, swimming pool liners, roof liners, lining foils, cable casings, PVC tiles and fibers. Add 0.5% - 4.0% of ACTICIDE® PLN 9 based on the total weight of the formulation/composition. An absolutely homogeneous incorporation into the material is essential for a good antimicrobial activity.

\* Not approved for use in the State Of California

ACCEPTED  
with COMMENTS  
EPA Letter Dated

OCT 28 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 67071-43

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# ACTICIDE® PLN 9

## DIRECTIONS FOR USE - Continued

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

\* DRY FILM AND APPLIED FILM/WET-STATE PRESERVATIVE FOR PAINTS, COATINGS, WOOD COATINGS, POLYMER LATICES, ADHESIVES, FILLERS, CAULKS, SEALANTS, GROUTS AND BUILDING MATERIALS: ACTICIDE® PLN 9 is recommended for the control of fungi in paint films, coatings, wood coatings, including stains, polymer latices, adhesives, fillers, caulks, sealants, grouts (non-food contact) and building materials. Add 0.2% to 1.5% ACTICIDE® PLN 9 based on the weight of the formulation of paint, wood coating polymer, latices, adhesive, or building materials (0.1 lbs to 1.5 lbs ACTICIDE® PLN 9 per 100 lbs formulated product). ACTICIDE® PLN 9 can be added to those products formulated as concentrates which are in turn diluted for use at a level to ensure that the final use-dilution product will contain 0.2% to 1.5% ACTICIDE® PLN 9. ACTICIDE® PLN 9 can be incorporated with most products at any stage in the manufacturing process. It is preferably added in the let-down stage during the manufacture of paints or wood coatings. Add slowly with good agitation just before addition of thickener. \* Not approved for use in the State Of California

\*LEATHER PRESERVATION: ACTICIDE® PLN 9 is recommended for the prevention of bacterial and fungal growth on wet leather stock such as pickled, chrome-tanned and vegetable-tanned hides and leather, including wet-blues. Normal addition levels are in the range of 93 to 391 ppm active ingredient (0.1% - 0.4% by weight of ACTICIDE® PLN 9 calculated on the pelt weight). The optimum use concentrations will depend on the manufacturing process, the required properties of the product and the environment to which it will be exposed. Levels will be particularly affected by natural fat content, skin thickness, storage time and tannery conditions. Emulsion Preparation: The emulsion of ACTICIDE® PLN 9 has only short term stability and therefore it should be prepared immediately before addition to the drum. For optimum stability the biocide must be added to the water rather than vice versa and should be diluted to give a concentration of at least 1:20. In order to obtain a homogeneous distribution on skins, the emulsion must be added slowly and immediately after the first application of chrome during the tanning process.

\* Not approved for use in the State Of California

### 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.

### \*POST PROCESS APPLICATION FOR LEATHER

SPRAY: to extend the preservation time of wet blue by applying additional fungicide on the exposed surface of wet blue that is palletized and stacked. Use a dilution ratio of 1 part ACTICIDE® PLN 9 to 10 parts water. With a pressurized pump, apply a one pass of a course spray (non atomized) of ACTICIDE® PLN 9 to palletized / stacked wet blue. Operator to wear respirator, eye protection, chemical resistant gloves and jacket. the proper distance for the operator to stand away from the palletized wet blue while spraying diluted ACTICIDE® PLN 9 is no less than 2 feet from target of spray.

ROLLER: to extend the preservation time of wet blue by applying additional fungicide on the top and bottom surfaces of wet blue. Use a dilution ratio of 1 part ACTICIDE® PLN 9 to 10 parts water. apply ACTICIDE® PLN 9 on to the grain and flesh surfaces of wet blue as it is fed through top and bottom felt rollers that are saturated with diluted ACTICIDE® PLN 9. Operator to wear respirator, eye protection, chemical resistant gloves and jacket; operator will lay wet blue on a moving belt that will pass between top and bottom rollers; once wet blue passes through rollers, operator will palletize and stack the treated wet blue. \* Not approved for use in the State Of California

Batch:	Mfg Date:	Net Contents (pounds):
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EPA Letter Dated:

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amended, for the pesticide,  
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