



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 30, 2015

Lynn P. Tordo
Thor Specialties, Inc.
50 Waterview Drive
Shelton, CT 06484

Subject: Amended Reregistration Label
Product Name: Acticide PLN 9
EPA Registration Number: 67071-43
Decision Number: 433426

Dear Ms. Tordo:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Othilinone (OIT) RED, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

NOTE: This product is **not** yet being reregistered under section 4(g) of FIFRA.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF dated 7/10/2012
- Alternate CSF # 1 dated 7/10/2012
- Alternate CSF # 2 dated 7/10/2012
- Alternate CSF # 3 dated 7/10/2012

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment or the next printing of the label, whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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,

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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 about this letter, please contact Tuere Williams by phone at 703-347-0316 or via email at williams.tuere@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Julie Chao". The signature is fluid and cursive, with a large initial "J" and "C".

Julie Chao, Product Manager 33
Regulatory Management Branch 1
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

ACTICIDE® PLN 9



ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, oysters and shrimp. 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 Pollution 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. 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.

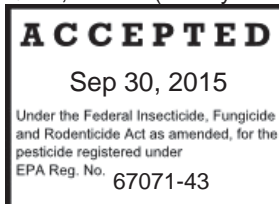
PESTICIDE STORAGE: Do not store or transport in unlined metal containers.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If 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 HANDLING: 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

UN 1760, CORROSIVE LIQUID, N.O.S. (2-Octyl-2H-isothiazol-3-one), 8, PG-II



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%
OTHER INGREDIENTS:	90.70%
TOTAL:	100.0%

KEEP OUT OF REACH OF CHILDREN DANGER

See Side panel for additional precautionary statements

FIRST AID
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.➢ 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.
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.
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
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.
HOT LINE NUMBER: 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.
For Transportation / Spill Emergency: Call Chemtrec at 1-800-424-9300

Manufactured By: Thor GmbH
D-67346 Speyer, Germany

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

EPA Reg. No. 67071-43 EPA Est. No. 67071-DEU-001

Precautionary Statements: Hazards to Humans and Domestic

Animals

DANGER

CORROSIVE. Causes irreversible eye damage. Causes skin burns. May be fatal if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Wear chemical-resistant gloves (such as those made out of Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride, or Viton, Selection Category C), goggles, face shield, chemical-resistant apron worn over long sleeved shirt and long pants and a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE pre-filter. Wear coveralls, socks, chemical-resistant footwear.

User Safety Recommendations:

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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.

Treated plastics cannot be used to manufacture children's toys.

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

ACTICIDE® PLN 9



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 - 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, and 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**

*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 one pass of a coarse 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 onto 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): (gallons):
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