



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

April 18, 2025

Keiona Pasco
kpasco@thorsp.com
THOR GMBH

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment - clarification of uses and other minor changes
Product Name: ACTICIDE OTE 45
Admin Number: 67071-104
EPA Receipt Date: 05/25/2022
Action Case Number: 00368185

Dear Keiona Pasco:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have questions, please contact Heather Garvie via email at garvie.heather@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Heather A. Garvie". The script is elegant and cursive, with the first letters of each word being capitalized and larger than the others.

Heather Garvie, Senior Regulatory Advisor
RMB 2, AD
Office of Pesticide Programs

{All text in brackets [xxx] is optional and may or may not be intended on a final label.}
{All text in braces {xxx} is administrative and will not appear on a final label.}

Label # 104-00 V005 21-NOV-2024

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.

PHYSICAL AND CHEMICAL HAZARDS: Do not store or transport in unlined metal containers.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Do not contaminate 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 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.

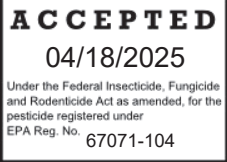
CONTAINER HANDLING :

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 the container 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.

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 OF MERCHANTABILITY. Handling, storage and use of the product by Buyer or User are beyond the control of Thor GmbH and Seller. Risks such as 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.



ACTICIDE® OTE 45

ACTIVE INGREDIENT: 2-n-Octyl-4-isothiazolin-3-one 46.5%
OTHER INGREDIENTS: 53.5%
TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO

See Side panel for additional precautionary statements
{Note to Reviewer: In accordance with 40 CFR 156.68(d), all first aid statements, as prescribed, will appear on the front panel of the product label.}

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.
If Swallowed:	➤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:	➤Move person to fresh air. ➤If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to- mouth, if possible. ➤Call a poison control center or doctor for further treatment
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For general information on product use, etc., 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. You may also contact the poison control center at 1-800-222-1222 for emergency medical treatment information.	
Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.	

Precautionary Statements:

Hazards to Humans and Domestic Animals

DANGER

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN. HARMFUL IF INHALED. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WEAR GOGGLES, FACE SHIELD, OR SAFETY GLASSES. WEAR LONG-SLEEVED SHIRT, LONG PANTS, SOCKS, RUBBER GLOVES, AND CHEMICAL-RESISTANT FOOTWEAR. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, CHEWING GUM, USING TOBACCO OR USING THE RESTROOM. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC REACTIONS IN SOME INDIVIDUALS.

DIRECTIONS FOR USE

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

ACTICIDE® OTE 45 is an industrial microbiocide to be used for the protection of paint films; coatings, including wood coatings and wood coating solutions including [*]sapstain control; adhesives; building materials including sealants; mastics; caulks; joint cements; spackling; stucco; grouts; [*]applied film/wet state of adhesives, tackifiers, paints, coatings and other building materials; [*]hides; [*]leather; [*]textiles; [*]fibers; [*]fabrics; [*]plastics; [*]polymers; metalworking fluids; hydraulic fluids against attack by bacteria, mildew, and fungus. READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.

[*Not a use registered by the state of California]

EPA Reg. No. 67071-104 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

[OR: EPA Est. No. 67071-MEX-001

Manufactured By: Thor Químicos de México SA de CV;
Autopista Mex-Qro Km 182; Pedro Escobedo, Querétaro; México.

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

For Transportation / Spills Emergency:
Call Chemtrec at 1-800-424-9300

[Made in Mexico]

Batch:	Mfg Date:	Net Contents (pounds): (gallons):
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ACTICIDE® OTE 45 INFORMATION SHEET



THIS ACTICIDE® OTE 45 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE® OTE 45

DIRECTIONS FOR USE

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

DRY FILM PRESERVATIVE FOR PAINTS, COATINGS, WOOD COATINGS, WOOD COATING SOLUTIONS:

0.02 – 0.29%

0.02 – 0.29 LB / PER 100 LB PRODUCT

Control of non-public health fungi in latex and oil-based paints and coatings (non-food contact), including colorants used in paints and coatings.

The amount of ACTICIDE® OTE 45 needed to protect dry and the applied/wet-states of paints, coatings, colorants used in paints and coatings, and wood coatings varies with the type of formulation and exposure conditions of the film (e.g., indoor vs. tropical climates). The Thor Specialties Technical Department will assist in the determination of the optimum quantity required by your product. This facility is especially helpful where a formulation has a greater than usual susceptibility to microbiological spoilage and/or is to be used in an area where the environmental conditions are particularly conducive to fungal growth.

The amount of ACTICIDE® OTE 45 needed to protect wood coatings and wood coating solutions is [*]0.005 – 0.29% (0.005 – 0.29 lbs per 100 lbs of product).

ACTICIDE® OTE 45 may be used at higher concentrations so long as the end-use product/article contains a maximum concentration of not greater than 1320 ppm OIT.

[*0.020 – 0.29% for this use in the state of California]

[*]SAPSTAIN CONTROL

1 – 5 QT / PER 250 GAL WATER

To control sapstain on debarked logs and lumber, prepare a working solution by mixing with water. The working solution must be mixed thoroughly before and during use. Apply the working solution with a spray or dip system that coats all surfaces of the wood evenly and thoroughly. Treated wood must not be used or placed where it may contact food or animal feed.

[*Not a use registered by the state of California]

DRY FILM PRESERVATIVE FOR ADHESIVES

0.02 – 0.29%

Prevention of non-public health fungal and [*]bacterial growth in adhesives (non-food contact).

0.02 – 0.29 LB / PER 100 LB PRODUCT

The amount of ACTICIDE® OTE 45 needed to protect dry and the applied/wet-states of industrial adhesives varies with the type of formulation. The Thor Specialties Technical Department will assist in the determination of the optimum quantity required by your product. This facility is especially helpful where a formulation has a greater than usual susceptibility to microbiological spoilage and/or is to be used in an area where the environmental conditions are particularly conducive to bacterial and fungal growth.

[*Not a use registered by the state of California]

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DRY FILM PRESERVATIVE FOR BUILDING MATERIALS INCLUDING:	
SEALANTS	0.02 – 0.29%
MASTICS	
CAULKS	0.02 – 0.29 LB / PER 100 LB PRODUCT
JOINT CEMENTS	
SPACKLING	
STUCCO	
GROUTS	
CONCRETE ADMIXTURES	
Prevention of non-public health fungal and [*]bacterial growth in building materials (non-food contact). The amount of ACTICIDE® OTE 45 needed to protect dry and the applied/wet-states of building materials varies with the type of formulation and exposure conditions of the film (e.g., indoor vs. tropical climates). The Thor Specialties Technical Department will assist in the determination of the optimum quantity required by your product. This facility is especially helpful where a formulation has a greater than usual susceptibility to microbiological spoilage and/or is to be used in an area where the environmental conditions are particularly conducive to bacterial and fungal growth.	
[*]Not a use registered by the state of California]	
[*]APPLIED FILM / WET STATE PRESERVATIVE	
Control of non-public health bacteria and fungi in the applied film/wet state of adhesives, tackifiers, paints, coatings and building materials (such as fire-proofing and sound-proofing coatings) for the purpose of protecting the applied film/wet state prior to a full cure.	0.02 – 0.29%
[*]Not a use registered by the state of California]	
[*]LEATHER PRESERVATION	
Prevention of non-public health bacterial and fungal growth on wet leather stock such as pickled, chrome-tanned and vegetable-tanned hides and leather, including wet-blues. 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.	0.014 – 0.06%
[*]Not a use registered by the state of California]	

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INFORMATION SHEET

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[*]TEXTILE, [*]FIBER AND [*]FABRIC PRESERVATION	
Prevention of non-public health bacterial and fungal growth, in the presence of moisture, in/on fibers, textiles and fabrics, including carpets and backing materials, natural and man-made. The optimum use concentrations will depend on the manufacturing process, the properties of the product and the environment to which it will be exposed. Levels will be particularly affected by the fabric thickness, proximity to the air circulation, storage time and ambient humidity.	0.1 – 0.25% 0.1 – 0.25 LB / PER 100 LB PRODUCT
[*Not a use registered by the state of California]	
[*]PLASTICS	
Control of mildew, non-public health fungi and bacteria in plastics or plastic composites of synthetic or natural derivation, including: acrylics, polyesters, silicones, polyurethanes (including epoxies), polyamides (including vinyls such as PVC and PVDf), phenolics, polyamines (including melamine), lactic acid derivatives, urea formaldehyde, thermoplastic elastomers, and styrene butadiene rubber or blends thereof.	For interior use: 0.1 – 0.5% 0.1 – 0.5 LB / 100 LB formulation
Examples of uses of plastics / plastic composites include: flooring, wall coverings, wood plastic composites, coated fabrics, automotive parts, gaskets for appliances, shower curtains, foams for upholstery and mattresses, boots, outdoor banners, sliding, tents, tarpaulins, garden hoses, pool and pond liners, marine upholstery, carpeting, roof liners, lining foils and cable casings.	For exterior use: 0.15 – 0.75% 0.15 – 0.75 LB / 100 LB formulation
Treated plastics cannot be used to manufacture children's toys.	
[*Not a use registered by the state of California]	
[*]POLYMERS	
Includes polymer emulsions, latexes, dispersions, suspensions, solutions, resins and semi-solid compositions. This encompasses polymers based on synthetic monomers as well as natural monomers derived from biomass or biological synthesis.	0.02 – 0.29% 0.02 – 0.29 LB / 100 LB polymer
ACTICIDE® OTE 45 is recommended for the prevention of bacterial and fungal spoilage of liquid (aqueous) and semi-solid polymers during manufacture, transport, and storage.	
[*Not a use registered by the state of California]	

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METALWORKING FLUID PRESERVATION

Control of non-public health fungi in the manufacture and use of soluble, synthetic, and semi-synthetic metalworking fluids. ACTICIDE® OTE 45 is not for use in systems or fluids which are subject to foaming or systems with high levels of tramp oil. ACTICIDE® OTE 45 must be directly dispensed into the metalworking concentrate or use-dilution metalworking fluid using a metered pump or other point-of-use device and uniformly dispersed throughout the liquid. Highly contaminated systems must be cleaned before treatment is begun.

FLUID CONCENTRATES

ACTICIDE® OTE 45 must be added to the metalworking concentrate at a level to ensure that the final use-dilution fluid will contain 55-167 ppm of product (25-75 ppm active ingredient).

USE-DILUTION FLUID

For a noticeably fouled system, add 0.47-1.44 pounds of ACTICIDE® OTE 45 per 1,000 gallons of emulsion. This will provide 25-75 ppm active ingredient. Repeat until control is achieved. For maintenance of a non-fouled system, add 0.09-0.58 pounds of ACTICIDE® OTE 45 per 1,000 gallons of emulsion every 4 weeks. This will provide 5-30 ppm active ingredient. A higher dose range and/or increased frequency of treatment may be required, depending upon rate of dilution of the preservative with the makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

HYDRAULIC FLUID PRESERVATION

Preservative in the manufacture and use of soluble oils, high water-based and emulsion hydraulic fluids. ACTICIDE® OTE 45 must be directly dispensed into the hydraulic concentrate or use-dilution hydraulic fluid using a metered pump or other point-of-use device and uniformly dispersed throughout the fluid. Highly contaminated systems must be cleaned before treatment is begun.

FLUID CONCENTRATES

ACTICIDE® OTE 45 must be added to the hydraulic fluid concentrate at a level to ensure that the final use-dilution fluid will contain 55-167 ppm of product (25-75 ppm active ingredient).

USE-DILUTION FLUID

For a noticeably fouled system, add 0.47-1.44 pounds of ACTICIDE® OTE 45 per 1,000 gallons of emulsion. This will provide 25-75 ppm active ingredient. Repeat until control is achieved. For maintenance of a non-fouled system, add 0.09-0.58 pounds of ACTICIDE® OTE 45 per 1,000 gallons of emulsion every 4 weeks. This will provide 5-30 ppm active ingredient. A higher dose range and/or increased frequency of treatment may be required, depending upon rate of dilution of the preservative with the makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

CONCENTRATES AND SUPPLEMENTAL DOSING:

ACTICIDE® OTE 45 may be added to those products formulated as concentrates, which in turn are diluted for end use. Manufacturers are to ensure that the final use-dilution product will not exceed the maximum concentration of ACTICIDE® OTE 45 indicated in each label use category.

Products transported and stored in bulk are more prone to microbiological contamination and may display degradation of biocide active ingredient over time. Under such conditions, where analysis indicates significant loss of active ingredient, the product may be dosed with additional ACTICIDE® OTE 45 up to the approved concentration indicated.