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

071-10

United States Environmental Protection Office of Pesticide Programs

21/2013

Thor GmbH Landwehrstrasse 1 D-67346, Speyer, Germany

MAR 21 2013

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

- Attention: Lynn P. Tordo, MS. Regulatory Manager
- Subject: ACTICIDE® 45 EPA Registration No. 67071-6 Notification Dated February 7, 2013

This will acknowledge receipt of your notification, submitted under the provisions of FIFRA Section 3(c)(9).

Proposed Notification

- Label Changes as required by the State of California

General Comments

Based on a review of the submitted material, the following comments apply:

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been added to your file.

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

Sincerely,

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

Please read instructions on r	everse kefore coma ^{te}	ing form		Form Ann			2070 008		
	Environmenta	united States				Registration Amendment ✓		60, Approvel expires 2-28-95 OPP Identifier Number	
		Applicatio	n for Pestic	ide - Sect	ion I				
1. Company/Product Number 67071-6				Product Mana all Swindell	-		3. Pr	oposed Classification	
4. Company/Product (Name) Thor GmbH / ACTICIDE	E 45		РМ# 33					None Restricted	
[]	sse 1, D-67346, Spe	eyer, Germany	6. Expedited Reveiw. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 67071-6 Product Name ACTICIDE 45						
		· · · · · · · · · · · · · · · · · · ·	Section -						
Amendment - Explain Resubmission in response Notification - Explain Explanation: Use addition Notification of label change as regulations at 40 CFR §§ 156 Formula for this product. I und amended label is not consiste	below. al page(s) if necessar s required by the State .10, 156.140, 156.144, derstand that it is a viol	 y. (For section of California and 156.146, and 1 ation of 18 U.S. 	d per PR Notice 98 56.156. No other c C. Sec. 1001 to wil	hanges have b Ifully make any	ain belo s notific een ma	d ion. ow. ation is con ade to the la tatement to	sistent with beling or th EPA. I furt	he Confidential Statement of her understand that if the	
FIFRA and I may be subject t	Be Packaged In:		Section - I	111	1				
Child-Resistant Packaging Yes Vo * Certification must be submitted	Unit Packaging Yes V No If "Yes" Unit Packaging wgt.	No. per container	Water Soluble F Yes V No If "Yes" Package wgt	Packaging No. per container		2. Type of	Container Metal Plastic Glass Paper Other (S	Specify)	
3. Location of Net Contents I	nformation	4. Size(s) Reta			5. Loca	ation of Lat			
6. Manner in Which Label is a	ontainer Affixed to Product	5, 5 Lithogr Paper o Stencil	55, and 265 gallo aph jlued ed	ns Other				npanying product	
<u>. </u>			Section - I	V		•			
1. Contact Point (Complete)	items directly below f	or identification	n of individual to L	e contacted, i	if nece.	ssary, to pr	rocess this	application.)	
Name Lynn P. Tordo, M.S.		1	Title Regulatory Man	ager			Telephon 203-516-	e No. (Include Area Code) 6980	
l certify that the stater I acknowledge that any both under applicable I	y knowlinglly false or	Certificat this form and misleading stat	all attachments th	nereto are true nishable by fir	, accur ne or in	ate and comprisonmen	mplete. at or	6. Date Application Received (Stamped)	
2. Signature	Terdo		3. Title Regulatory Manaç	ger					
4. Typed Name Lynn P. Tordo, M.S.		5	5. Date Feb. 7	1, 201	3				



February 7, 2013

Mr. Marshall Swindell, Product Manager 33 Regulatory Management Branch I Antimicrobial Division, OPP (7510W) U.S. ENVIRONMENTAL PROTECTION AGENCY 1200 Pennsylvania Avenue, NW Washington, DC 20460

Product:	ACTICIDE [®] 45, EPA Registration No. 67071-6
	Notification of label change
Company:	Thor GmbH;
US Agent:	Thor Specialties, Inc
	<u>Company</u> :

This is a notification and not subject to fees

Dear Mr. Swindell:

This label change notification is submitted by Thor Specialties, Inc., U.S. agent for Thor GmbH. This notification of label change is as required by the State of California and per PR Notice 98-10 / 95-2.

The State of California requested that we submit this notification with regards to the addition or removal of the qualifier "*not approved for use in the state of California". The acceptance of this label at the DPR is pending EPA's acceptance of the modified formatting.

Modifications have been made to the Container label only:

- a) The symbol preceding the first aid instructions has been changed so as not to confuse the user. The asterisk (*) is intended to be the qualifier "*Not approved for use in the state of California"; whereas, the symbol ≻ is intended to precede and bring attention to the first aid instructions
- b) A qualifier (*) has been added to the front of the following uses which are not currently approved for use in California: ******sapstain control* and ******Building Materials*
- c) A qualifier (*) has been removed from the front of the following use now approved in California: wood coating solutions

The attached material consists of the following:

- 1. Application Form for a Notification to modify the label.
- 2. Copy of ACTICIDE[®] 45 label with changes marked (FOR REFERENCE ONLY)
- 3. Final Printed label for ACTICIDE[®] 45

If you have any questions or need added information, please contact me at your convenience.

Sincerely,

Lynn P. Tordo, M.S. Regulatory Manager

Enc.

Cc: Geri Werdig, Pesticide Registration Associates

THOR SPECIALTIES, INC. 50 Waterview Drive · Shelton, CT 06484 · U.S.A. Telephone: (203) 516-6980 · Fax: (203) 954-0005 Email: info@thorsp.com

		(* 1
Label # 060(h2-CA) – 02/07/2013		THOR
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	ACTICIDE [®] 45	Precautionary Statements: Hazards to Humans and Domestic Animals
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	ACTIVE INGREDIENT: 2-n-Octyl-4-isothiazolin-3-one 46.5% INERT INGREDIENTS: 53.5% TOTAL: 100.0%	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
Babel. 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.	KEN	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. ASH
Pesticide Disposai. Presticide wastes are acutely hazardous. Improper or usposai or excess pesticide or rinstate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State. Pesticide or disposed of by use according to label instructions.	sille	THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND EATING, DRINKING, OR USING TOBACCO.
Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. CONTAINER DISPOSAL Non-refiliable romainer Dn on reuse or refill this container Triple rinse container		DIRECTIONS FOR USE It is a violation of Federal Law to use this product in a manner
promptly after emptying. Triple rines 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 % full with	Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an	ACTICIDE [®] 45 is an industrial microbiocide to be used for the protection of paint films; coatings; including wood coatings and wood coating
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 X full with water. Replace and tighten closures. Tip	If on Skin: > Take of contaminated clothing. Or Clothing PRInse skin immediately with plenty of water for 15-20 minutes. > Call a poison control center or doctor for	 sepsian control, antesives, bounding materials including seatants, intisates, "caulks, "joint cements, "spackling: "stucco: " grouts, "applied film/wet state of adhesives, tackfifers, paints, coatings and other building materials, "hides; "leather, "textiles; "fabers, "fabrics, "plastic/PVC/vinyl products, "Metalworking Fluids: "Hvdraulic Fluids against attack by mildew, and fundus. READ AND
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	If Inhaled: > Move person to fresh air. > If person is not breathing, call 911 or an	FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET. * Not approved for these uses in the State of California
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.		EPA Reg. No. 67071-6 Manufactured For/By: Thor GmbH Dia73dA Science Germany
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	If in Eyes: PHold eye open and rinse slowly and gently with water for 15-20 minutes. PRemove contact lenses, if present, after the first 5 minutes, then continue insing.	
for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. THOR GMBH MACE NO OTHER EXPRESS OR IMPLIED mononaccounter of the accounter	treatment advice.	
WARKANITES ETITHER UP MERCHANIABULIT VOT FITNESS FOR A PARITOUCUAR OSC. Handling, storage and use of the product by Buyer or User are beyond the control of Thor GmbH and Saler. Risks such as infectiveness 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 OMBH OR SELLER BE HELD LLABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRFCT DAMAGES RESULTING FROM THE HANDLING. STORAGE OR USE OF THIS	HOT LINE NUMBER: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	Tel. (203) 516-6980 UN 2922, CORROSIVE LIQUID, TOXIC, N.O.S. (2-Octyl-2H-isothiazol-3-one), 8+6.1, PG-II
PRODUCT	Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.	For Transportation / Spills Emergency: Cail Chemtrec at 1-800-424-9300
Batch:	Mfg Date:	Net Contents (pounds):
NOTIFICA Date Reviewed.	NOTIFICATION /// 3 Reviewed: 3/3/// 3	
		417

ACTICIDE[®] 45 INFORMATION SHEET



THIS ACTICIDE[®] 45 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE[®] 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 (INCLUDING *SAPSTAIN CONTROL): ACTICIDE[®] 45 mildewcide is recommended for the control of fungi in latex and oil-based paints, coatings-(non-food contact).

The amount of ACTICIDE[®] 45 needed to protect dry and the applied/wet-states of paint films and wood coatings varies with the type of formulation and exposure conditions of the film (e.g., indoor vs. tropical climates). Add 0.02 - 0.29% (wt) [0.02 - 0.29 lbs of ACTICIDE[®] 45 per 100 pounds 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 fungal growth.

ACTICIDE[®] 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

*To control sapstain on debarked logs and lumber, prepare a working solution by mixing with water at a rate of 1 to 5 quarts of ACTICIDE[®] 45 per 250 gallons of 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 approved for this use in the State of California

DRY FILM PRESERVATIVE FOR ADHESIVES: ACTICIDE[®] 45 mildewcide is recommended for the control of fungi in adhesives (non-food contact).

The amount of ACTICIDE[®] 45 needed to protect dry and the applied/wet-states of industrial adhesives varies with the type formulation. Add 0.02 - 0.29% (wt) [0.02 - 0.29 lbs of ACTICIDE[®] 45 per 100 pounds 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 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.

DRY FILM PRESERVATIVE FOR BUILDING MATERIALS (INCLUDING *SEALANTS, *MASTICS, *CAULKS, *JOINT CEMENTS; *SPACKLING; *STUCCO; * GROUTS: ACTICIDE[®] 45 mildewcide is recommended for the control of fungi in Building Materials (non-food contact).

*Not approved for these uses in the State of California

The amount of ACTICIDE[®] 45 needed to protect dry and the applied/wet-states of Building Materials varies with the type formulation and exposure conditions of the film (e.g., indoor vs. tropical climates). Add 0.02 - 0.29% (wt) [0.02 - 0.29 lbs of ACTICIDE[®] 45 per 100 pounds 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 fungal growth.

Information Sheet # 060(h2-CA) - 02/07/2013Page 1 of 3 EPA Reg. No. 67071-6 Manufactured By/For: Thor GmbH D-67346 Sp

U.S. Office:

Thor GmbH D-67346 Speyer, Germany Tel. (06232) 6360 Thor Specialties, Inc. 50 Waterview Drive, Shelton, CT 06484 USA Tel. (203) 516-6980

ACTICIDE[®] 45 INFORMATION SHEET



THIS ACTICIDE[®] 45 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE[®] 45

DIRECTIONS FOR USE

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

*APPLIED FILM/WET STATE PRESERVATIVE: ACTICIDE[®] 45 microbiocide is recommended for the control of 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. *Not approved for these uses in the State of California

*LEATHER PRESERVATION: ACTICIDE[®] 45 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 0.014% - 0.06% by weight of ACTICIDE[®] 45 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. *Not approved for these uses in the State of California

*TEXTILE, *FIBER AND *FABRIC PRESERVATION: ACTICIDE[®] 45 is recommended for the prevention of bacterial and fungal growth, in the presence of moisture, in/on fibers, textiles and fabrics, including carpets and backing materials, natural and man-made. Normal addition levels are in the range of 0.1%-0.25% by weight of ACTICIDE[®] 45 calculated on the materials weight. 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. *Not approved for these uses in the State of California

***PRESERVATION OF PLASTIC/PVC/VINYL PRODUCTS**: ACTICIDE[®] 45 mildewcide is recommended for the control of mildew and fungi in 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. For these uses, generally not subject to continuous external environmental conditions, use 0.1%-0.5% of ACTICIDE[®] 45 based on the total weight of the formulation/composition (or 0.05% to 0.5% based on plastisol).

ACTICIDE[®] 45 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. For these external-type uses apply 0.15%-0.75% of ACTICIDE[®] 45 based on the total weight of the formulation/composition (4.35 lbs/1000 lbs. of compound).

Mode of application for plastic/PVC/Vinyl Products. ACTICIDE[®] 45 can, in most of the standard methods of plastics production, be introduced in different phases of the process cycle. An absolutely homogeneous incorporation into the material is essential for a good antimicrobial (anti-fungal) activity. The mixture of the product with fluid additives should be ensured by the use of a good mechanical stirring device. The product may never be introduced directly into fillers and pigments. ACTICIDE[®] 45 is first dissolved in the plasticizer. Subsequently, the rest of the additives are mixed in and homogeneously worked together. The product can also be homogeneously distributed in finished plastisols by intensive mixing. *Not approved for these uses in the State of California

Information Sheet # 060(h2-CA) - 02/07/2013 Page 2 of 3 EPA Reg. No. 67071-6 Manufactured By/For: Thor GmbH D-67346 Sp Tel. (06232)

U.S. Office:

Thor GmbH D-67346 Speyer, Germany Tel. (06232) 6360 Thor Specialties, Inc. 50 Waterview Drive, Shelton, CT 06484 USA Tel. (203) 516-6980

ACTICIDE[®] 45 INFORMATION SHEET



THIS ACTICIDE[®] 45 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE[®] 45

DIRECTIONS FOR USE

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

*METALWORKING FLUID PRESERVATION: ACTICIDE[®] 45 is recommended for the control of fungi in the manufacture and use of soluble, synthetic, and semi-synthetic metalworking fluids. ACTICIDE[®] 45 is not recommended for use in systems or fluids which are subject to foaming or systems with high levels of tramp oil. ACTICIDE[®] 45 should 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. Greatly contaminated systems must be cleaned before treatment is begun. *Not approved for these uses in the State of California

FLUID CONCENTRATES:

ACTICIDE[®] 45 should be added to the metalworking concentrate at a level to ensure that the final usedilution 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[®] 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[®] 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: ACTICIDE[®] 45 is recommended as a preservative in the manufacture and use of soluble oils, high water-based and emulsion hydraulic fluids. ACTICIDE[®] 45 should 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. Greatly contaminated systems must be cleaned before treatment is begun. *Not approved for these uses in the State of California

FLUID CONCENTRATES:

ACTICIDE[®] 45 should be added to the hydraulic fluid concentrate at a level to ensure that the final usedilution 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[®] 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[®] 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.

Information Sheet # 060(h2-CA) - 02/07/2013 Page 3 of 3

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