



067071-00010-051799

Printed: 13:06:55 Wednesday, 16 Jun, 1999 # 17 / 3259

Systems Integration Group, Inc.

PM.

33

67071-10

5/17/99

page 12 8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 17 1999

Thor Chemie GMBH
Landwehrstrasse 1
D-67346 Speyer, Germany

Attn: Gerie Werdig, Manager
Regulatory Affairs


Subject: Acticide RS
EPA Registration No. 67071-10
Notification Dated April 8, 1999

This will acknowledge receipt of your notification, to add an advisory statement to the end of the label, submitted under the provisions of FIFRA Section 3(c)9. 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 made a part of the records for this file.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

234210

Application for Pesticide - Section I

1. Company/Product Number THOR/67071-10	2. EPA Product Manager M. Swindell	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) THOR/Acticide™ RS	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) Thor Chemie GmbH, D-67346 Speyer, GERMANY U.S. Agent: Acti-Chem Specialties, Inc. 56 Quarry Road, Trumbull, CT 06611 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of addition of advisory statement per PR 95-2 and PR98-10.

This notification is consistent with the provisions of PR Notice 95-2, PR 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2, 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted	If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container		<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product		
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Geri Werdig (local contact)	Title Manager, Regulatory Affairs, PRA	Telephone No. (Include Area Code) 202-546-3260	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature <i>E. Coscia by G. Werdig</i>	3. Title Manager, Regulatory Affairs, Acti-Chem Specialties		
4. Typed Name Anthony T. Coscia	5. Date 4/8/99		

ACCEPTED
for COMMERCIAL
in EPA Labeling
SEP 11 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
67071-10

3 7 8
Acticide RS Label
PAGE 1 of 6 PAGES

Date prepared: 19 December 1995

DRAFT LABEL

ACTICIDE RS

INDUSTRIAL MICROBIOCIDES FOR USE IN METAL WORKING FLUIDS, METAL
CLEANING FLUIDS, HYDRAULIC FLUIDS, ADHESIVES, TACKIFIERS, DISPERSED
PIGMENTS, PAINTS, BUILDING MATERIALS AND POLYMER LATICES WHICH ARE
CLASSIFIED AS INDOOR NON-FOOD AND NON-FOOD APPLICATIONS.

ACTIVE INGREDIENTS

5-Chloro-2-methyl-4-isothiazolin-3-one.....	1.11%
2-Methyl-4-isothiazolin-3-one.....	0.44%

INERT INGREDIENTS.....	98.45%
------------------------	--------

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Drink promptly a large
quantity of milk, egg whites, gelatin solution or if these are not
available, drink large quantities of water. Avoid alcohol. Call
physician immediately.

IF ON SKIN: Wash thoroughly with soap and water. Remove and wash
contaminated clothing before reuse.

IF IN EYES: Flush with plenty of water for at least 15 minutes. Call
a physician.

IF INHALED: Remove immediately to fresh air. If not breathing, apply
artificial respiration. If breathing is difficult, give oxygen. Call
physician.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use
of gastric lavage. SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY
STATEMENTS.

MANUFACTURED BY:

Thor Chemie GmbH
D-67346 Speyer, Germany

EPA Establishment No. 67071-WG-001
EPA Registration No. 67071-xx

NET CONTENTS _____ GALLONS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE, CAUSES EYE DAMAGE AND SKIN BURNS.

MAY CAUSE ALLERGIC SKIN REACTION.

MAY BE HARMFUL IF INHALED. MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN.

Do not get in eyes, on skin, on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapor or spray mist. Avoid contamination of food. Do not take internally. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and wildlife. 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 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.

CONDITIONS OF SALE AND WARRANTY: Thor Chemie 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 CHEMIE 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 Chemie 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 CHEMIE GmbH OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

ACCEPTED
with COMMENTS
In EPA Letter 1000

SEP 11 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended for the pesticides
registered under EPA Reg. No.

67071-10

Date prepared: 19 December 1995

DIRECTIONS FOR USE

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

PRESERVATIVE FOR METAL WORKING FLUIDS

Acticide RS microbiocide is recommended for the control of bacteria and fungi in aqueous metal working fluid solutions and emulsions.

Add 32 fluid ounces (2 lb) per 1000 gallons of emulsion every 4 weeks for maintenance of a nonfouled system. For a noticeably fouled system use an initial dose of 64 to 160 fluid ounces (4.5 to 10 lb) per 1000 gallons emulsion followed by subsequent maintenance dosage above. A higher dosage rate and/or increased frequency of treatment may be required depending upon the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. The preservative should be dispensed into the use dilution of the metal working fluid using a metering pump and uniformly dispersed throughout the system.

PRESERVATIVE FOR ADHESIVES AND TACKIFIERS

Acticide RS microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in water soluble and water dispersed adhesives such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene-butadiene and acrylic latices. Acticide RS microbiocide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins.

Add 0.5 to 1.65 lb Acticide RS microbiocide to each 1000 lb of fluid to provide 7 ppm to 25 ppm of active isothiazolone ingredients. A higher dosage rate providing up to 45 ppm active ingredient may be required for storage during extremely high temperatures and humidity.

PRESERVATIVE FOR PAINTS AND COATINGS

Acticide RS microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in water based coatings such as paper, wood coatings and paints used for architectural, product finishes and special purpose coatings.

Add 0.5 to 1.65 lb (227 to 750 grams) Acticide RS microbiocide to each 1000 lb (454 kg) of fluid to provide 7 ppm to 25 ppm active isothiazolone ingredients. A higher dosage rate providing up to 45 ppm active ingredients may be required for storage during extremely high temperatures and humidity.

with COMMENTS
in EPA Letter Dated

SEP 11 1997

Under the authority of the
Department of the Interior
and the Bureau of Land Management
I hereby certify that the
information is true and correct
as furnished to EPA Reg. No.

67071-10

For the maintenance of a non-fouled system, use Acticide RS microbiocide at 120 to 150 fluid ounces (10 to 12 lb) per 1000 gallons fluids every 8 weeks. For a noticeably fouled system use an initial dose of 150 to 250 fluid ounces (12 to 20 lb) per 1000 gallons fluid to be followed by subsequent maintenance dosage. A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with make-up fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

DISPERSED PIGMENT PRESERVATION

Acticide RS microbiocide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, montmorillite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate and kieselguhr used in paint and paper productions. Add 0.6 to 2.25 lb of Acticide RS (250 to 1020 grams) to each 1000 lb (453 kg) of fluid to provide 7 to 25 ppm active isothiazolones.

METAL CLEANING FLUID PRESERVATION

Acticide RS microbiocide is recommended as a preservative for use in the manufacture and use of alkaline, acid and emulsion based metal cleaning fluids typically used in electroplating, phosphatizing, galvanizing and general metal cleaning operations.

For addition to a metal cleaning concentration, add Acticide RS microbiocide at a level to ensure that the final use-dilution fluid will contain 560 to 2250 ppm product (about 6 to 25 ppm active isothiazolones).

For direct addition to a fouled system, add 72 to 290 fluid ounces (6 to 23 lb) of Acticide RS microbiocide to each 1000 gallons of use-dilution metal cleaning fluid every 3 to 4 weeks to provide 560 to 2250 ppm product (about 6 to 25 ppm active isothiazolones). A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with the make-up fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

The preservative should be dispensed into the use-dilution metal cleaning fluid using a metering pump and uniformly dispersed throughout the system.

Acticide RS microbiocide weighs 8.6 lb per gallon.

STORAGE AND DISPOSAL

STORAGE

This product (pH 1.95) is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate water, 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.

7 2 8

Acticide RS Label

PAGE 5 of 6 PAGES

Date prepared: 19 December 1995

Revised: June 4, 1997

PRESERVATIVE FOR BUILDING MATERIALS

Acticide RS microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in building materials such as mastics, caulks, joint cements, spackling and grouting. Add 0.5 to 1.65 lb of Acticide RS microbiocide to each 1000 lb of fluid to provide 7 ppm to 25 ppm active isothiazolones.

PRESERVATIVE FOR LATICES

Acticide RS microbiocide is recommended for the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices including: acrylics, styrene/butadiene, carboxylated styrene/butadiene, ethylene/vinyl acetate and biopolymers intended for industrial use such as xanthan gum, gum arabic, guar gum, protein derived polymers, starches and casein derived polymers.

Add 0.5 to 3.3 lb (227 g to 1.5 kg) of Acticide RS microbiocide to each 1000 lb (454 kg) of emulsion to provide 7 ppm to 50 ppm active isothiazolines.

NOTE: To insure uniform mixing, add Acticide RS microbiocide to latex or solutions slowly with agitation. The actual concentrations required will depend upon such factors as the specific substance to be treated, frequency of repeated microbial contamination expected and level of protection required.

Acticide RS microbiocide weighs 8.6 lb per gallon.

STORAGE AND DISPOSAL

STORAGE

This product (pH 1.95) is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate water, 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.

ACCEPTED
WITH COMMENTS
in EPA Label Draft

SEP 11 1997

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

67071-10

Acticide RS Label
PAGE 6 of 6 PAGES

Date prepared: 19 December 1995

CONTAINER DISPOSAL

Metal containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

Plastic containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incinerator or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

GENERAL ADVISORY STATEMENT

Acticide RS should 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 between 6 - 50 ppm active isothiazolones, as described above, except for paints and coatings which should be at 7 - 25 ppm, as described above.