

67071-4

10/04/2000

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7305C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

67071-4

OCT 04 2000

Term of Issuance: Conditional

Name of Pesticide Product:

Acticide C40

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Thor Chemical GmbH
Landwehrstr 1, D-67346 Speyer
Germany

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document for Chlorothalonil, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

1. Make the following label changes:

a. Revise the EPA Registration No. to read "EPA Reg. No. 67071-4"

Signature of Approving Official:

Marshall Swindell, PM 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Date:

OCT 04 2000

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b. The heading "Statement of Practical Treatment" must be changed to "First Aid" and the statements must be revised as follows:

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. Call a poison control center or doctor for treatment advice.

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 by a poison control center or doctor.

IF ON SKIN:

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 INHALED:

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.

c. In the "Precautionary Statements" include the following statement at the ending of the sentence beginning with "Do not breathemist".

"Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals"

d. Include a "Physical and Chemical Hazards" heading and place the phrase "Combustible. Do not use or store the product near heat or open flame".

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e. Revise the "Environmental Hazards" to read:

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.... For guidance contact your State Water Board or Regional Office of the Environmental Protection Agency.

f. In the Product Bulletin, delete the following words from the "Directions For Use" sections.

1. Superior
2. An effective biocide
3. Very

NOTE: The above words imply heightened efficacy, should not be used on a non-public health product or imply the product may be used on more species than listed on the bulletin.

g. Include the statement "Do not apply this product in a way that will contact workers or other persons" to fall directly below the storage and disposal section.

2. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label is enclosed for your records. Submit two copies of final labels with the above changes for our review.

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)

Enclosure

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Acticide C40
page 1 of 2
Revised 3/00
Per Chloro. RED

THOR

ACTICIDE[®] C40

FLOWABLE FUNGICIDE
Fungicide for Mildew Control on Paint Film

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 04 2000

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

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ACTIVE INGREDIENTS:	
Chlorothalonil (Tetrachloroisophthalonitrile)	40.4%
INERT INGREDIENTS:	59.6%
TOTAL:	100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF ON SKIN: Wash with plenty of water. Get medical attention.

IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

See Side Panel for Additional Precautionary Statements.

EPA Reg. No. 67071-4

EPA Est. No. 37429-GA-1

Manufactured For:
Thor Chemie GmbH
Landwehrstr 1, D-67346 Speyer,
Germany
Tel. (06232) 3188-0

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

Net Contents: 30 Gallon/113.6 Liters

Lot # _____

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Acticide C40
page 2 of 2
Revised 3/00
Per Chloro. RED

WARNING

May be fatal if inhaled. Harmful if swallowed, absorbed through skin. Causes (moderate) eye injury (irritation). Avoid contact with skin, eyes or clothing. Do not breath vapor or spray mist.

NOTE TO USER: This product may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin area. Persons having allergic reaction should contact a physician.

NOTE TO PHYSICIAN: Persons having allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids. In case of inhalation, remove person to fresh air and get medical attention immediately.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Mixers, loaders, and all other handlers must wear long-sleeve shirt and long pants, chemical resistant gloves (such as or made of any water proof material), shoes plus socks, and in enclosed areas, a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH-approved respirator with any N, R, P or HE filter. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washable, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. 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. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public 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 Environmental Protection Agency.

DIRECTIONS FOR USE

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

NOTE: Mix contents slowly before using to assure uniform mixture.

General Precautions and Restrictions: When applying paints containing this product with a sprayer, painters should wear a respirator. (If the paint product does not already recommend/require a respirator for sprayer applications, the respirator statement on the paint product must be: "When applying with a sprayer should wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P or HE filter. If oil is not present in the paint product or recommended for use as an additive in the paint product, add "N" as an additional filter type.)

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

STORAGE: Store in a cool place. Protect from excessive heat.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide formulation 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 your nearest EPA Regional Office for guidance.

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

CONDITIONS OF SALE AND WARRANTY

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO EXCEPT IN WRITING WITH A SPECIFIC REFERENCE TO THIS WARRANTY. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

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PRODUCT BULLETIN

GENERAL DESCRIPTION

ACTICIDE® C40 is an effective biocide developed for the microbiological protection of interior and exterior coatings from fungal growth.

GENERAL PRECAUTIONS AND RESTRICTIONS

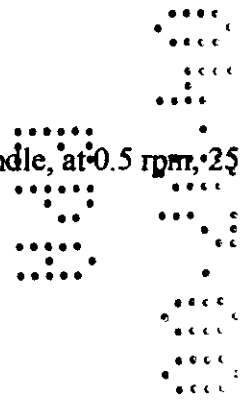
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CHEMICAL AND PHYSICAL CHARACTERISTICS

ACTICIDE® C40 contains as active ingredient 2,4,5,6-tetrachloroisophthalonitrile (Chlorothalonil)

Chlorothalonil:	40% - 42%
Appearance:	Off-white aqueous dispersion
Odor:	Slight
Specific Gravity (H ₂ O=1):	1.24
Bulk Density:	10.3 lb/gal.
pH (20°C):	6-8
Miscibility:	Dispersible in aqueous systems
Stability-	
Light:	Stable
pH Range:	Stable in range 2 - 9
Flammability:	Non-flammable and non-explosive
Viscosity:	Min. 15,000 cps - Max. 23,000 cps (Brookfield #2 spindle, at 0.5 rpm, 25 deg. C)

It should be noted that the above characteristics do not constitute a specification.



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BIOCIDAL PROPERTIES

ACTICIDE® C40 has a very broad activity spectrum against fungi including the following microorganisms:

- | <u>FUNGI</u> |
|-------------------------|
| Aspergillus niger |
| Penicillium funiculosum |
| Trichoderma viride |
| Aureobacidium pullulans |
| Paecilomyces variotii |
| Alternaria alternata |
| Cladosporium herbarum |

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APPLICATIONS AND USE LEVELS

ACTICIDE® C40 has EPA approval as a mildewcide in paint films. Its superior mildewcide properties are advantageous to aqueous paint manufacturers.

The quantity of **ACTICIDE® C40** required to protect most films is normally in the range of 10 to 25 pounds per 100 gallons of exterior paint and 7.5 to 10 pounds per 100 gallons of interior latex paint.

TECHNICAL SERVICE

The Acti-Chem Specialties technical department will gladly assist in determining the optimum quantity of **ACTICIDE® C40** required by your product.

ADDITION AND COMPATIBILITY

ACTICIDE® C40 can be added to the paint formula during the pigment grind operation or after let-down, or it can be post-added to the finished product. To assure a uniform mixture of the **ACTICIDE® C40**, gentle mixing is recommended before using.

ACTICIDE® C40 is compatible with most formulations in which its application is recommended.

PACKAGING, TRANSPORTATION, AND STORAGE

Packaging: 30 gal. (293 lb.) polyethylene-lined, heavy duty fiber drums.

Transportation: DOT Shipping: Not regulated

Shelf Life: It is recommended that **ACTICIDE® C40** be used within twelve (12) months of manufacture if stored at 30° or below.

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REGULATORY CLEARANCES

EPA Registration: ACTICIDE® C40 is registered as a fungicide for mildew control on paint films.

EPA Registration No. 67071-4

SAFETY AND HANDLING

May be fatal if inhaled. Harmful if swallowed, absorbed through skin. Causes (moderate) eye injury (irritation). Avoid contact with skin, eyes or clothing. Do not breathe vapor or spray mist

PERSONAL PROTECTIVE EQUIPMENT (PPE): Mixers, loaders and all other handlers must wear long-sleeve shirt and long pants, chemical resistant gloves (such as or made of any water proof material), shoes plus socks and, in enclosed areas, a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH-approved respirator with any N, R, P or HE filter. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washable, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

TOXICOLOGY

Acute oral toxicity: LD₅₀ (rat) 4.2g/kg
Acute dermal toxicity: LD₅₀ (rabbit) > 20 g/kg
Inhalation (4-hour) LC₅₀: >7.16 mg/L (nominal concentration; rat)
Primary eye irritation: Eye irritant (rabbit and monkey); reversible corneal, iridal and conjunctival effects.

Further details are given in the separate Material Safety Data Sheet.

The material contained in this leaflet is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any freedom from patent infringement.

MARCH 2000

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