



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 21, 2017

Lucy Cremese
Regulatory Specialist
Thor Specialties, Inc.
50 Waterview Drive
Shelton, CT 06484

Subject: Label Amendment – Clarifying the Directions for Use
Product Name: Acticide CBM 2
EPA Registration Number: 67071-62
Application Date: 1/10/17
Decision Number: 525657

Dear Ms. Cremese:

The amended label 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 conditions that were previously imposed on this registration. You continue to be subject to existing 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 copy of the final printed labeling before you release the 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 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, 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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at heffernan.aline@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "John Hebert" with a stylized flourish at the end.

John Hebert, Chief
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure: Stamped Label



**Precautionary Statements:
Hazards to Humans and Domestic Animals**

DANGER

Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear protective eyewear (goggles or face shield). Wear a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes, and chemical resistant gloves (Butyl Rubber or Nitrile Rubber). Avoid contact with skin and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic plants, fish and aquatic invertebrates. 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.

UN 3265, CORROSIVE LIQUID,
ACIDIC, ORGANIC, N.O.S. (mixture containing 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-4-isothiazolin-3-one (3:1)), 8, PG-II

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.

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.

ACTICIDE® CBM 2

ACTIVE INGREDIENTS:

- 5-Chloro-2-methyl-4-isothiazolin-3-one.....1.00%
- 2-Methyl-4-isothiazolin-3-one.....5.00%
- 1,2-Benzisothiazolin-3-one10.00%

OTHER INGREDIENTS:.....84.00%

TOTAL:.....100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO**

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 eye. ➢ 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 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.
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.
Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.	
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
For emergency information of ACTICIDE® CBM 2, 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. During other times, call the poison control center 1-800-222-1222.	
For Transportation / Spill Emergency: Call Chemtrec at 1-800-424-9300	

EPA Reg. No. 67071-62 EPA Est. No. 67071-DEU-001

PHYSICAL AND CHEMICAL HAZARD

This product is corrosive to mild steel. Materials to be avoided: Alkalies, Reducing agents, Strong oxidizing agents, Nucleophiles

STORAGE AND DISPOSAL

This product (pH 4.5) is corrosive to mild steel.

PESTICIDE STORAGE: Do not store or transport in unlined metal containers. Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

IN CASE OF A SPILL OR LEAK: Wear goggles, rubber gloves, and protective clothing. Absorb spills and leaks with inert material such as sand, clay or vermiculite. Shovel into a sealable container and dispose of in an authorized EPA disposal facility

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

DIRECTIONS FOR USE

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

Industrial microbiocide for use in polymer latices, paints and coatings, building materials, adhesives and *tackifiers, mineral slurries, *oil-in-water emulsions, as an in-container preservative for *aqueous products, for use in household consumer, industrial, janitorial products, *metal working fluids, and *textiles/cordage products and *textile/textile fibers-making. READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.

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

Batch:	Mfg Date:	ACCEPTED	Net Contents (pounds): (gallons):
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Feb 21, 2017

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 67071-62

ACTICIDE[®] CBM 2 INFORMATION SHEET



THIS ACTICIDE[®] CBM 2 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE[®] CBM 2

DIRECTIONS FOR USE

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

PRESERVATIVE FOR LATICES, POLYMER EMULSIONS OR SOLUTIONS:

ACTICIDE[®] CBM 2 microbiocide is recommended for the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices (including process wash solutions) 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 including latices for paper and paperboard.

0.05% – 0.4%

Add 0.5 – 4.0 lbs. per 1000 lbs. of emulsion to provide 80 – 640 ppm active ingredients.

PRESERVATIVE FOR PAINTS AND COATINGS:

ACTICIDE[®] CBM 2 microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in water based coatings such as paper and wood coatings and paints (including process wash solutions) used for architectural product finishes and *special purpose coatings.

0.05% – 0.4%

Add 0.5 – 4.0 lbs. per 1000 lbs. of paint and coating to provide 80 – 640 ppm active ingredients.

***Special purpose coating uses:** Include use as a preservative for:

- electrodeposition paints or solutions
- photoplatin solutions or coatings
- fount (or fountain) solutions used in the printing process as a maintenance fluid/coating and as a special coating for printing plates, and
- spin finish coatings for fibers.

The application/addition directions for these special purpose coating uses are:

***Electrodeposition:** ACTICIDE[®] CBM 2 microbiocide is recommended as a tankside additive for the control of bacteria, fungi, and algae in re-circulating electrodeposition systems and associated rinse systems. Alternately, ACTICIDE[®] CBM 2 microbiocide may be added through the components of the electrodeposition paint prior to their addition to the electrodeposition system.

***Not approved for this use in the state of California.**

***Tankside Addition to Electrodeposition Systems:**

ACTICIDE[®] CBM 2 microbiocide should be dispensed into the recirculating rinse system, ultrafilter permeate, or final distilled rinse system at a point to insure uniform mixing. When the system is noticeably fouled, add up to 0.4% ACTICIDE[®] CBM 2 microbiocide (based on the total gallons of fluid in the system). Repeat until control is achieved. When microbial control is evident, add up to 0.2% ACTICIDE[®] CBM 2 (based on the total gallons of fluid in the system) weekly or as needed to maintain the system. A change of frequency of treatment may be required depending on the 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.

***Not approved for this use in the state of California.**

***Treatment of Electrodeposition Paint Components:**

Initial Dose of Paint Components: ACTICIDE[®] CBM 2 microbiocide should be added to the resin, pigment, or other component of the electrodeposition paint at a level to ensure that the final use-dilution fluid will contain no more than 320 ppm isothiazolones.

***Not approved for this use in the state of California.**

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DIRECTIONS FOR USE

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Ink/Ink Components, *Photoplate Processing, *Photo Processing, and *Fountain Solutions: ACTICIDE [®] CBM 2 microbiocide is recommended for the control of bacteria and fungi in *photoplate processing such as stabilizer solutions and in *fountain solutions. ACTICIDE [®] CBM 2 microbiocide is recommended for water-based printing inks such as flexographic, gravure, screen and ink jet types. ACTICIDE [®] CBM 2 microbiocide is recommended for the control of bacteria and fungi in printing ink components such as resins, plasticizers, water soluble dyes, pigments, gelling agents, waxes, surfactants, and thickeners. ACTICIDE [®] CBM 2 microbiocide should be added to achieve the recommended dosage range for ink, ink components, *fountain solutions and *photoplate processing chemicals of 0.05 – 0.4% on a total weight basis. A level adjustment may be necessary to accommodate the slight change in solution formulations. Up to 400 lbs. ACTICIDE [®] CBM 2 per 1000 lbs. of concentrate may be added to concentrates so long as the final use-dilution product contains not more than 640 ppm active ingredients (a dilution of 100x). <i>*Not approved for this use in the state of California.</i>	
PRESERVATIVE FOR BUILDING MATERIALS: ACTICIDE [®] CBM 2 microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in building materials such as mastics, caulks, joint cements, spackles and grouts, and concrete admixtures.	0.05% – 0.4% Add 0.5 – 4.0 lbs. per 1000 lbs. of fluid to provide 80 – 640 ppm active ingredients.
PRESERVATIVE FOR ADHESIVES AND *TACKIFIERS: ACTICIDE [®] CBM 2 microbiocide is recommended as a 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 [®] CBM 2 microbiocide is recommended as a preservative for *tackifiers derived from rosin and hydrocarbon resins. <i>*Not approved for this use in the state of California</i>	0.05% – 0.4% Add 0.5 – 4.0 lbs. per 1000 lbs. of fluid to provide 80 – 640 ppm active ingredients.
PRESERVATIVE FOR DISPERSED PIGMENTS (MINERAL SLURRIES): ACTICIDE [®] CBM 2 microbiocide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as refractory coatings, ceramic glazes, kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate and kieselguhr used in paint and paper products.	0.03% – 0.3% Add 0.3 – 3.0 lbs. per 1000 lbs. of dispersion to provide 48 – 480 ppm active ingredients.
*PRESERVATIVE FOR OIL-IN-WATER EMULSIONS: ACTICIDE [®] CBM 2 is recommended for use in spin-finish solutions used in the textile industry and photographic emulsions. <i>*Not approved for this use in the state of California.</i>	0.05% – 0.4% Add 0.5 – 4.0 lbs. per 1000 lbs. of emulsion to provide 80 – 640 ppm active ingredients.

ACTICIDE® CBM 2 INFORMATION SHEET



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DIRECTIONS FOR USE

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***IN-CONTAINER PRESERVATIVE:**

ACTICIDE® CBM 2 is recommended as an in-container preservative for the control of bacteria and fungi in aqueous products such as aqueous emulsions and dispersions including:

- *stabilized oil/water emulsions,
- *surface preparation compounds,
- *foam control products, *nutrient solutions and *aqueous pesticides

which include, but are not limited to, insecticides, termiticides, fungicides, bactericides, algacides, herbicides, rodenticides [includes use as an in-container preservative for the control of bacteria and fungi in pesticide products for dilution applied to crops and for use in pesticide formulations for use on food contact surfaces at rates described for in-container preservative category].

****Not approved for this use in the state of California.***

0.05% – 0.4%

Add 0.5 – 4.0 lbs. per 1000 lbs. of treated product to provide 80 – 640 ppm active ingredients.

HOUSEHOLD, CONSUMER, INDUSTRIAL, JANITORIAL PRODUCTS:

ACTICIDE® CBM 2 is recommended for the control of bacteria and fungi in liquid and solid soaps, liquid and solid cleaners, liquid and solid detergents, liquid and solid laundry products, liquid and solid dishwashing detergents, waxes, polishes, liquid and solid fabric treatment/refreshers products, liquid and solid air fresheners/deodorizers, car care products, and other similar cleaners. ACTICIDE® CBM 2 may also be used for the control of bacteria and fungi in package utility products such as pre-moistened sponges and mops.

CONCENTRATES:

ACTICIDE® CBM 2 microbicide may 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 from 0.05% to 0.40% ACTICIDE® CBM 2 microbicide.

APPLICATIONS IN WIPES

ACTICIDE® CBM 2 may also be used for the control of bacteria and fungi in solutions that are then put into/onto wet wipes for use in industrial, commercial, residential and household uses cited above. This product is not for use in treating/preserving solutions that will be incorporated into personal care wet wipes, baby wipes, or food contact wipes.

For solutions incorporated into household wipes, do not exceed 0.11 % ACTICIDE® CBM 2.

Not for use in aerosol applications.

APPLICATIONS IN NON-AEROSOL SPRAYS

For non-aerosol sprays, do not exceed 0.11 % ACTICIDE® CBM 2.

0.05% – 0.4%

Add 0.5 – 4.0 lbs. per 1000 lbs. of product to be protected to provide 80 – 640 ppm active ingredients.

0.05% – 0.11%

Add 0.5 – 1.1 lbs. per 1000 lbs. of product to be protected to provide 80 – 176 ppm active ingredients.

ACTICIDE[®] CBM 2 INFORMATION SHEET



THIS ACTICIDE[®] CBM 2 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF ACTICIDE[®] CBM 2

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[®] CBM 2 microbiocide is recommended for the control of bacteria and fungi in aqueous metal working fluid solutions and emulsions. 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.

****Not approved for this use in the state of California.***

Maintenance of a non-fouled system.

1 – 2 gals per 1000 gals emulsion.

For a noticeably fouled system:

Initial dose:

Add up to 4 gals (35 lbs.) per 1000 gals emulsion.

Subsequent dose:

Add 1 – 2 gals per 1000 gals emulsion.

***PRESERVATIVE FOR TEXTILES/CORDAGE PRODUCTS AND TEXTILE- /TEXTILE-FIBERS MAKING:**

ACTICIDE[®] CBM 2 is recommended as a preservative for the control of bacteria and fungi in textiles and non-woven products (such as canvas, carpet, cordage, drapes, and shower curtains), in chemicals commonly used in the production of natural and synthetic fibers and fabrics (such as fiber lubricants, spin finishes, sizes, dyestuffs, textile printing inks, dispersants, thickeners, dye fixatives), and in textile coatings.

****Not approved for this use in the state of California.***

0.05% - 0.4%

Add 0.5 – 4.0 lbs. per 1000 lbs. of fluid to provide 80 – 640 ppm active ingredients.