



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 7, 2023

Olivia Watson, Regulatory Specialist  
Thor GmbH  
c/o Thor Specialties, Inc.  
50 Waterview Drive  
Shelton, CT 06484

Subject: Label Amendment – clarification of concentrate language; separation of household consumer directions for use from the industrial and institutional directions for use language  
Product Name: Acticide BCL 1-F  
EPA Registration Number: 67071-118  
Received Date: 4/10/2023  
Action Case Number: 00446956

Dear Olivia Watson:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), 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. Pursuant to 40 CFR 156.10(a)(6) 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 FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). 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) lists 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, FIFRA section 12(a)(1)(B). 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 Assurance.

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Action Case Number 00446956

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 with FIFRA section 6. If you have any questions, please contact me via email at [garvie.heather@epa.gov](mailto:garvie.heather@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Heather A. Garvie".

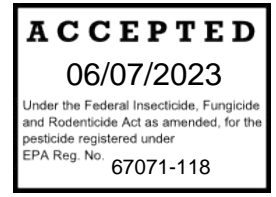
Heather A. Garvie  
Senior Regulatory Advisor  
Regulatory Management Branch 2  
Antimicrobials Division  
Office of Pesticide Programs

Enclosure

{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 # 118-00 V002 – 31-MAY-2023

# ACTICIDE® BCL 1-F



**PHYSICAL OR CHEMICAL HAZARDS:** Do not store or use near oxidizing or reducing agents

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. 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 local 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.

## STORAGE AND DISPOSAL

**Prohibitions:** Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

**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 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.

**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.

**ACTIVE INGREDIENTS:**  
1,2-Benzisothiazolin-3-one.....9.25%  
**OTHER INGREDIENTS:**.....90.75%  
**TOTAL:**.....100.00%

**KEEP OUT OF REACH OF CHILDREN**

## DANGER

**[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.]  
See Side panel for additional precautionary statements

FIRST AID	
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>➢ Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>➢ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>➢ Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>➢ Move person to fresh air.</li> <li>➢ If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable mouth-to-mouth if possible.</li> <li>➢ Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on Skin or clothing:</b>	<ul style="list-style-type: none"> <li>➢ Take off contaminated clothing.</li> <li>➢ Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>➢ Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>➢ Call a poison control center or doctor immediately for treatment advice.</li> <li>➢ Have person sip a glass of water if able to swallow.</li> <li>➢ Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>➢ Do not give anything by mouth to an unconscious person</li> </ul>
Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.	
HOT LINE NUMBER: In case of emergency, for additional information call toll free 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>For Transportation / Spill Emergency: Call Chemtrec at 1-800-424-9300</b>	

**EPA Reg. No. 67071-XXX      EPA Est. No. 67071-DEU-001**

Manufactured By/For: Thor GmbH  
D-67346 Speyer, Germany  
Thor Specialties, Inc.  
50 Waterview Drive; Shelton, CT 06484 USA  
Tel. (203) 516-6980

[or:  
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]

## Precautionary Statements:

**Hazards to Humans and Domestic Animals**

## DANGER

**Corrosive.** Causes irreversible eye damage. Do not get in eyes, on skin, or on clothing. May be fatal if inhaled. Do not breathe vapor or spray mist. Harmful if swallowed. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**Wear goggles or face shield, a respiratory 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 a organic vapor (OPV) cartridge or canister with any N, R, P, or HE prefilter, long-sleeved shirt and long pants, socks, shoes and chemical-resistant gloves made of any waterproof materials. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.**

### USER SAFETY RECOMMENDATIONS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them. User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. User should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

### 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 [\*]polymers, [\*]paints and coatings, [\*]inks, [\*]ink components & [\*]fountain solutions, [\*]building materials, [\*]adhesives and [\*]tackifiers, [\*]mineral and slurries, as an in-container preservative for [\*]aqueous products, [\*]agricultural pesticides and for use in [\*]household consumer, industrial, janitorial products.. **READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.**

[\* Not approved for these uses in the State of California]

# UN 1719,

**CAUSTIC ALKALI LIQUID, N.O.S.  
(potassium hydroxide)**

Batch: [ ]	Mfg Date: [ ]	Net Contents (pounds): [ ] (gallons): [ ]
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# ACTICIDE® BCL 1-F INFORMATION SHEET



**THIS ACTICIDE® BCL 1-F INFORMATION SHEET MUST ACCOMPANY EACH  
SHIPMENT OF ACTICIDE® BCL 1-F**

## **DIRECTIONS FOR USE**

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

<p><b>[*]POLYMERS:</b></p> <p>Includes polymer emulsions, latexes, dispersions, suspensions, solutions, resins and semi-solid compositions (including process wash solutions). This encompasses polymers based on synthetic monomers as well as natural monomers derived from biomass or biological synthesis.</p> <p>ACTICIDE® BCL 1-F is recommended for the prevention of non-public health bacterial and fungal spoilage of liquid (aqueous) and semi-solid polymers during manufacture, transport and storage.</p> <p><b>SUPPLEMENTAL DOSING:</b></p> <p>Products transported and stored in bulk are more prone to microbiological contamination and may display degradation of biocide active ingredient over time. Under such condition, where analysis indicated significant loss of active ingredient, the product may be dosed with additional ACTICIDE® BCL 1-F up to the approved concentration indicated.</p> <p><i>[*Not approved for this use in the state of California]</i></p>	<p><b>0.11 – 0.51%</b></p> <p>1.1 – 5.1 Lb per 1000 Lb of polymer to provide 1100 – 5100 ppm ACTICIDE® BCL 1-F.</p>
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# ACTICIDE® BCL 1-F INFORMATION SHEET



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## **DIRECTIONS FOR USE**

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

<p><b>[*]PRESERVATIVE FOR PAINTS AND COATINGS:</b></p> <p>ACTICIDE® BCL 1-F is recommended as an in-container preservative to inhibit non-public health bacteria and fungi in water based coatings such as architectural, industrial &amp; OEM paints, and paper coatings.</p> <p>For nonfood contact use only.</p> <p><i>[*Not approved for this use in the state of California]</i></p>	<p><b>0.11 – 0.51%</b> 1.1 – 5.1 Lb per 1000 Lb of coating to provide 1100 – 5100 ppm ACTICIDE® BCL 1-F.</p>
<p><b>[*]INKS, [*]INK COMPONENTS &amp; [*]FOUNTAIN SOLUTIONS:</b></p> <p>As an in-container preservative to inhibit non-public health bacteria and fungi in [*]inks/ink components such as lithographic inks, digital printing and ink-jet inks, conductive inks, gravure inks, graphic art inks, screen inks, [*]stabilizer solutions, [*]fountain solutions and printing pre-solutions serving all ink market sectors, including packaging, labelling, publications, graphics, decals, textiles, commercial printing, photoplate processing and decorative inks.</p> <p><b>CONCENTRATES:</b> ACTICIDE® BCL 1-F may be added to 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® BCL 1-F indicated in each label use category.</p> <p><i>[*Not approved for this use in the state of California]</i></p>	<p><b>0.11 – 0.51%</b> Add 1.1 – 5.1 Lb to 1000 Lb of Ink or ink component / fountain solution to provide 1100 – 5100 ppm ACTICIDE® BCL 1-F.</p>

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## **DIRECTIONS FOR USE**

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<p><b>[*]BUILDING MATERIALS:</b></p> <p>As an in-container preservative to inhibit non-public health bacteria and fungi in the manufacture and storage of building materials of natural or synthetic origin including grouts, joint compounds, sealants, mastics, stucco, caulks, sealers, insulation and fire-retardant compounds.</p> <p><b>SUPPLEMENTAL DOSING:</b></p> <p>Products transported and stored in bulk are more prone to microbiological contamination and may display degradation of biocide active ingredient over time. Under such condition, where analysis indicated significant loss of active ingredient, the product may be dosed with additional ACTICIDE® BCL 1-F up to the approved concentration indicated.</p> <p><i>[*Not approved for this use in the state of California]</i></p>	<p><b>0.16 – 0.51%</b></p> <p>Add 1.6 – 5.1 Lb to 1000 Lb of building material to provide 1600 – 5100 ppm ACTICIDE® BCL 1-F.</p>
<p><b>[*]PRESERVATIVE FOR ADHESIVES AND [*]TACKIFIERS:</b></p> <p>As an in-container preservative to inhibit non-public health bacteria and fungi in water soluble and water-dispersed [*]adhesives based on natural, synthetic or hybrid polymers, such as animal glues, casein glues, vegetable glues, natural rubber latex, synthetic latexes (including acrylic, vinyl acetate, styrene butadiene homo or heteropolymers) and [*]tackifiers derived from natural or synthetic origin such as rosin, gum or hydrocarbons.</p> <p>For nonfood contact use only.</p> <p><b>SUPPLEMENTAL DOSING:</b></p> <p>Products transported and stored in bulk are more prone to microbiological contamination and may display degradation of biocide active ingredient over time. Under such condition, where analysis indicated significant loss of active ingredient, the product may be dosed with additional ACTICIDE® BCL 1-F up to the approved concentration indicated.</p> <p><i>[*Not approved for this use in the state of California]</i></p>	<p><b>0.11 – 0.51%</b></p> <p>Add 1.1 – 5.1 Lb to 1000 Lb of adhesive or tackifier to provide 1100 – 5100 ppm ACTICIDE® BCL 1-F.</p>

# ACTICIDE® BCL 1-F INFORMATION SHEET



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SHIPMENT OF ACTICIDE® BCL 1-F**

## **DIRECTIONS FOR USE**

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

<p><b>[*]MINERAL SLURRIES</b></p> <p>As an in-container preservative to inhibit non-public health bacteria and fungi in the manufacture and storage of slurries including those based on titanium dioxide, kaolin, calcium carbonate, calcium sulfate (gypsum), silicates, silica, diatomaceous earth, porcelain and nepheline syenite.</p> <p><b>SUPPLEMENTAL DOSING:</b></p> <p>Products transported and stored in bulk are more prone to microbiological contamination and may display degradation of biocide active ingredient over time. Under such condition, where analysis indicated significant loss of active ingredient, the product may be dosed with additional ACTICIDE® BCL 1-F up to the approved concentration indicated.</p> <p><i>[*Not approved for this use in the state of California]</i></p>	<p><b>0.11 – 0.51%</b></p> <p>Add 1.1 – 5.1 Lb to 1000 Lb of slurry to provide 1100 - 5100 ppm ACTICIDE® BCL 1-F.</p>
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# ACTICIDE® BCL 1-F INFORMATION SHEET



**THIS ACTICIDE® BCL 1-F INFORMATION SHEET MUST ACCOMPANY EACH  
SHIPMENT OF ACTICIDE® BCL 1-F**

## **DIRECTIONS FOR USE**

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

<p><b>[*]AQUEOUS COMPOSITIONS:</b></p> <p>As an in-container preservative to inhibit non-public health bacteria and fungi in the manufacture and storage of aqueous compositions including:</p> <ul style="list-style-type: none"><li>[*]surfactants</li><li>[*]foam-control products</li><li>[*]dispersants</li><li>[*]emulsions</li><li>[*]wax emulsions</li><li>[*]specialty slurries (including fragrance slurries)</li><li>[*]rheology modifiers</li></ul> <p>For nonfood contact use only</p> <p><b>SUPPLEMENTAL DOSING:</b></p> <p>Products transported and stored in bulk are more prone to microbiological contamination and may display degradation of biocide active ingredient over time. Under such condition, where analysis indicated significant loss of active ingredient, the product may be dosed with additional ACTICIDE® BCL 1-F up to the approved concentration indicated.</p> <p><i>[*Not approved for this use in the state of California]</i></p>	<p><b>0.11 – 0.51%</b></p> <p>Add 1.1 - 5.1 lbs. to 1000 lbs. of treated product to provide 1100 - 5100 ppm ACTICIDE® BCL 1-F.</p>
<p><b>[*]AGRICULTURAL PESTICIDES:</b></p> <p>Such formulations include Herbicides, Fungicides, Insecticides, Rodenticides, Molluscicides, Nematocides</p> <p><b>CONCENTRATES:</b></p> <p>ACTICIDE® BCL 1-F may be added to 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® BCL 1-F indicated in each label use category.<i>[*Not approved for this use in the state of California]</i></p>	<p><b>0.11 – 0.51%</b></p> <p>Add 1.1 - 5.1 lbs. to 1000 lbs. of treated product to provide 1100 - 5100 ppm ACTICIDE® BCL 1-F.</p>



# ACTICIDE® BCL 1-F INFORMATION SHEET



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## **DIRECTIONS FOR USE**

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

<p><b>[*]HOUSEHOLD CONSUMER PRODUCTS:</b></p> <p>To inhibit non-public health 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.</p> <p>ACTICIDE® BCL 1-F may also be used to inhibit non-public health bacteria and fungi in package utility products such as pre-moistened sponges and mops.</p> <p><b>APPLICATIONS IN WIPES</b></p> <p>ACTICIDE® BCL 1-F may also be used for the control of bacteria and fungi in solutions that are then put into/onto wet wipes for use in residential and household uses cited above. This product is not for use in treating/preserving solutions that will be incorporated into personal care wipes, baby wipes, or food contact wipes.</p> <p>For nonfood contact use only</p> <p><i>[*Not approved for this use in the state of California]</i></p>	<p><b>0.11 – 0.40%</b></p> <p>Add 1.1 – 4.0 lbs. to 1000 lbs. of product to be protected to provide 1100 - 4000 ppm ACTICIDE® BCL 1-F.</p>
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# ACTICIDE® BCL 1-F INFORMATION SHEET



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## **DIRECTIONS FOR USE**

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

<p><b>[*]INDUSTRIAL / INSTITUTIONAL / JANITORIAL PRODUCTS:</b></p> <p>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.</p> <p>ACTICIDE® BCL 1-F may also be used for the control of bacteria and fungi in package utility products such as pre-moistened sponges and mops.</p> <p><b>APPLICATIONS IN WIPES</b></p> <p>ACTICIDE® BCL 1-F 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 and commercial uses cited above. This product is not for use in treating/preserving solutions that will be incorporated into personal care wipes, baby wipes, or food contact wipes.</p> <p><i>[*Not approved for this use in the state of California]</i></p>	<p><b>0.11 – 0.40%</b></p> <p>Add 1.1 – 4.0 lbs. to 1000 lbs. of product to be protected to provide 1100 - 4000 ppm ACTICIDE® BCL 1-F.</p>
<p><b>[*]CONCENTRATES FOR USE IN INDUSTRIAL / INSTITUTIONAL / JANITORIAL USE</b></p> <p>ACTICIDE® BCL 1-F 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 between 0.11 and 0.40% ACTICIDE® BCL 1-F microbicide.</p> <p><i>[*Not approved for this use in the state of California]</i></p>	

ACTICIDE® BCL 1-F weighs 8.6 lbs. per gallon