



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

November 21, 2024

Karina Castro  
Federal & State Regulatory Manager  
ADAMA Makhteshim Ltd.  
c/o Makhteshim Agan of North America, Inc. (d/b/a ADAMA)  
8601 Six Forks Road, Suite 300  
Raleigh, NC 27615

Subject: PRIA Label and CSF Amendment – Addition of Alt CSF #3, and addition of already approved uses (adding food uses).  
Product Name: ADAMA Chlorothalonil Technical  
EPA Registration Number: 11678-88  
Application Date: 4/20/22 and 4/21/22  
Case Number: 476969 and 476597

Dear Karina Castro:

The amended label and Confidential Statement(s) of Formula (CSF) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are 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.

Please note that the record for this product currently contains the following CSF(s):

- Basic CSF dated 06/09/2017
- Alternate CSF 1 dated 06/09/2017
- Alternate CSF 2 dated 06/24/2022
- Alternate CSF 3 dated 11/19/2024

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. 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. 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 with FIFRA section 6.

If you have any questions, please contact James Orrock by phone at 202-566-2862 or by email at [orrock.james@epa.gov](mailto:orrock.james@epa.gov).

Sincerely,

A handwritten signature in dark ink, appearing to read "Kristy Crews". The signature is fluid and cursive, with the first name "Kristy" and last name "Crews" clearly distinguishable.

Kristy Crews, Ph.D., Product Manager 22  
Fungicide Branch, Registration Division (7505T)

Enclosure- Stamped Label

# ADAMA Chlorothalonil Technical

For Manufacturing Use Only

**ACTIVE INGREDIENT:**

Chlorothalonil: (tetrachloroisophthalonitrile)..... 98.0%

**OTHER INGREDIENTS:** ..... 2.0%

**TOTAL:** ..... 100.00%

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



*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)*

**Manufactured by:**  
ADAMA Makhteshim Ltd.  
c/o Makhteshim Agan of North America, Inc. (d/b/a ADAMA)  
8601 Six Forks Road, Suite 300  
Raleigh, NC 27615

**How can we help? Call 1-866-406-6262.**

**ACCEPTED**

**11/21/2024**

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 11678-88

EPA Reg. No. 11678-88

EPA Est. No. \_\_\_\_\_

**NET CONTENTS:** \_\_\_\_\_

FIRST AID	
<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, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<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 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>
<b>Have the product container or label with you when calling a poison control center or doctor or going for treatment.</b> You may also contact 1-877-250-9291 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN:</b> This product may cause temporary allergic side effects characterized by redness or rash on exposed skin areas. Treat with antihistamines or steroid creams and/or systemic steroids. If swallowed, probable mucosal damage may contraindicate the use of gastric lavage.	
<b>In case of spills, fire, leaks or accident, call 1-800-535-5053.</b>	

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Fatal if inhaled. Do not breathe dust. Corrosive. Causes severe eye damage. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. ADAMA Chlorothalonil Technical may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation, and redness or rash on exposed skin areas. Persons having allergic reaction should contact a physician. Do not get in eyes or on clothing. Harmful if swallowed or absorbed through the skin. Wear any NIOSH-approved respirator with an N, R, P, or HE filter. Wear goggles or a face shield, chemical-resistant gloves such as nitrile, butyl rubber or natural rubber, long-sleeved shirt and long pants when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**DIRECTIONS FOR USE**

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

**FOR FORMULATION PURPOSES ONLY:** This product is intended for use only by formulators in preparing end use fungicides/mildewcides.

When manufacturing wettable powder formulations: This product may only be used to manufacture wettable powder formulations that 1} are packaged in water-soluble packets, the outside of which contains a pictogram depicting that users should not cut, rip, or tear; or 2} bear the labeling "For use in closed mixing/loading systems only."

Do not formulate into products labeled for use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (i.e., elementary, middle, and high schools), campgrounds, churches, and theme parks.

Do not use for formulating into products intended for sod farm uses at application rates greater than 13 pounds of active ingredient per acre per year.

This product may be formulated into end-use fungicides/mildewcides having the following use sites:

<b>1. Terrestrial Food and Feed Crops:</b>	
Almonds	Leek
Apricot	Lentil
Asparagus	Lupine
Banana	Mango
Bean (succulent and dry, except soybean)	Mint (peppermint, spearmint)
Blueberry	Mushroom
Brassica Head and Stem, subgroup 5A	Nectarine
Carrot	Okra
Celery	Onion (dry bulb, green, grown for seed)
Cherry (tart, sweet)	Papaya
Cocoa bean (dried)	Parsnip
Coffee bean (green)	Passion fruit
Corn (sweet, grown for seed)	Peach
Cranberry	Peanut
Cucurbit vegetable, crop group 9	Persimmon
Filberts (hazelnuts)	Pistachio
Fruiting vegetable, crop group 8 (except tomato)	Plum (incl. prune)
Garlic (dry, grown for seed)	Potato
Ginseng	Rhubarb
Horseradish	Shallot
	Soybean
	Tomato
	Yam
<b>2. Ornamental plants:</b> Ornamental plant species grown in field, nursery, and greenhouses.	
<b>3. Turf:</b> Grasses grown on sod farms; golf courses (tees, fairways, greens); grasses grown for seed.	
<b>4. Tree Crops (Non-food only):</b> Conifers (pine and spruce); Christmas tree plantations; nurseries.	
<b>5.</b> Additive for aqueous-based and solvent-based paints, stains, coatings, adhesives, caulks, sealants, grouts, joint compounds, composite wood products, wood preservative stains, and wood treatment fungicides for control of mold and decay in lumber and timber. Product incorporation into coatings and adhesives used for indirect food contact require approval from FDA via a food additive petition.	
<b>6.</b> This product must not be formulated into a product intended as a mildewcidal paint additive for direct sale to retail customers, e.g. in a "pillow pack" or other small volume or one-use package.	
<b>7.</b> This product must not be used to formulate products for use as in-container preservatives.	
<b>8.</b> This product may only be formulated into mildewcidal paint additive products that are labeled as follows: The product may only be added to paint products that are labeled A) with product-specific instructions for the use of a respirator during applications, or B) as follows: "When applying with a sprayer, wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any R, or P filter; OR a NIOSH-approved powered air-purifying respirator with an 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 respirator type.	
<b>9. Other Uses:</b> Uses for which the US EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration excluding any use strictly prohibited by this label. Uses for experimental purposes that are in compliance with the US EPA's requirements.	

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a dry area. Protect from excessive heat

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If these wastes cannot be disposed of 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 HANDLING:** Nonrefillable container. Do not reuse or refill this container. Completely empty container into formulation equipment. Then dispose of empty container in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning, if burned, stay out of smoke. Offer for recycling if available.

## LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES and LIMITATIONS OF LIABILITY.**

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of ADAMA. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, ADAMA makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of ADAMA is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, ADAMA disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at ADAMA's election, the replacement of product.

ADAMA Chlorothalonil Technical - (11678-88) - 111924