



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

October 24, 2017

Niamh McMahon, Regulatory Product Manager
AMVAC Chemical Corporation
4695 MacArthur Court, Suite 1200
Newport Beach, CA 92660

Subject: PRIA Label and CSF Amendment: Adds Alternate CSF #2 dated 10/11/2017; Label Changes - adds new owner name and Reg Number due to product transfer; adds AMVAC emergency response contact information; adds AMVAC warranty statement
Product Name: Chlorothalonil Technical
EPA Registration Number: 5481-624
Application Date: March 06, 2017
Decision Number: 527039

Dear Ms. McMahon:

The amended label and CSF referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, 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 10/26/2016
- Alternate CSF #1 dated 12/29/2015
- Alternate CSF #2 dated 10/11/2017

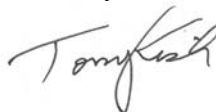
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded 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 with FIFRA section 6.

If you have any questions, please contact Tony Kish by phone at 703 308-9443, or via email at kish.tony@epa.gov; or Craig Reeves by phone at 703 347-0486, or via email at reeves.craig@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Tony Kish". The signature is written in a cursive style with a large, stylized "T" and "K".

Tony Kish, Product Manager 22
Fungicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure: Stamped Label

CHLOROTHALONIL TECHNICAL

(FOR FORMULATION PURPOSES ONLY)

ACTIVE INGREDIENT:	% BY WT.
Chlorothalonil: (tetrachloroisophthalonitrile)	98.0%
OTHER INGREDIENTS:	<u>2.0%</u>
TOTAL	100.0%

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.)

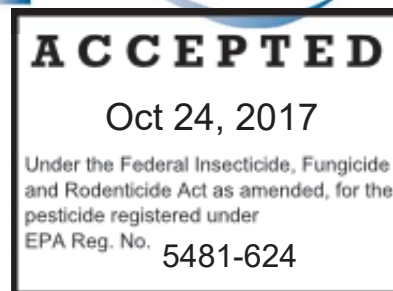
FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING	<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 advice.
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 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.
<p>NOTE TO PHYSICIAN: 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.</p>	
EMERGENCY NUMBERS	
<p>Have the product label with you when calling a poison control center or doctor or going for treatment. FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:</p>	
<p>For Medical Emergencies phone:1-888-681-4261</p>	
<p>For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC®1-800-424-9300</p>	
<p>For Product Use Information phone: AMVAC®1-888-462-6822</p>	

EPA Reg. No. 5481-624
EPA Est. No. _____

NET CONTENTS:



AMVAC Chemical Corporation
4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A.
1-888-462-6822



PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Danger. Corrosive. Causes severe eye damage. May be fatal if inhaled; do not breathe dust. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. 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:

1. Field and row crops: asparagus, beans (succulent and dry), cabbage, broccoli, cauliflower, cavalo broccolo, Chinese broccoli, Chinese cabbage, Chinese cabbage (napa), Chinese mustard cabbage, Chinese waxgourd, Brussels sprouts, carrots, celery, chayote, cocoa bean, coffee bean, corn, melons (muskmelons including hybrids and/or varieties of *Cucumis melo* including true cantaloupe, cantaloupe, Casaba, Santa Claus melon, Crenshaw melon, honeydew melon, honey balls, Persian melon, golden Pershaw melon, mango melon, pineapple melon, snake melon) and watermelons including hybrids and/or varieties of (*Citrullus* spp.), cucumbers, eggplant, garlic, ginseng, gourds, groundcherry, horseradish, kohlrabi, leek, lentil, lupine, *Momordica* spp. (Bitter melon, balsam apple), okra, squash (including pumpkins, summer squash, and winter squash), mint, mushrooms, onions (dry, green, seed), parsnips, peanuts, pepino, peppers (including bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), persimmon, potatoes, rhubarb, shallot, soybeans, tomatillo, tomatoes, yam, zucchini.

Fruit and tree crops: almonds, banana, blueberries, cranberry, filberts, mango, papaya, passion fruit, pistachios, stone fruit (peach, nectarine, apricot, cherry, plum, prune), conifers, pine and spruce in forest stands, Christmas tree plantations, and nurseries.

Ornamental plants: A wide range of ornamental plant species grown in field, nursery, and greenhouses.

Turf: Grasses grown on sod farms, golf courses (tees, fairways, greens), grasses grown for seed.

2. 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.
3. 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.
4. This product must not be used to formulate products for use as in-container preservatives.
5. 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 dust/mist filtering respirator (MSHA/NIOSH approval number 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 respirator type.
6. This product may be used to formulate product for any additional use(s) not listed on this label if the formulator, user group, or grower has complied with the U.S. EPA submission requirements regarding support for such use(s).
7. This product may be used for experimental purposes that are in compliance with U.S.EPA requirements.

STORAGE AND DISPOSAL

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

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.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN TORT, CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW MANUFACTURER OR SELLER SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

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Chlorothalonil Technical (transfer non-notification 5481-624)