

83558-19

11/16/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

NOV 16 2010

Anne Stout  
c/o Mana, Inc.  
4515 Falls of Neuse Rd., Suite 300  
Raleigh, NC 27609

SUBJECT: Label Amendment  
Chlorothalonil Technical  
EPA Reg. No. 83558-19  
Your Submission Dated August 12, 2010

Dear Ms. Stout:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended; adding new use sites and other administrative amendments and to match the uses found on 50534-7 and 50534-227 labels is acceptable provided that you make the following labeling changes:

1. On page 1, delete the colons after "IF ON SKIN OR CLOTHING" AND "IF INHALED".
2. On page 1, in the Precautionary Statements, place a period after "Danger" and delete the colon.

If this technical product is used to produce a flowable concentrate (FIC) end-use product, the following data must be submitted:

- To support the use of flowable formulation on non-bell peppers, by 12/3/2011 you must submit or cite one additional side-by-side field trial (860.1500) with non-bell peppers. The trial must reflect side-by-side plots receiving applications of the FIC and WDG formulations at 1x the proposed maximum seasonal rate and the trial must be conducted in Zone 8. If the trial indicates that residues in/on samples treated with the FIC formulation are higher than in/on samples treated with the WDG formulation, two additional field trials will be required, so that a total of three field trials are available reflecting application of the FIC formulation to non-bell peppers.

The following data must be submitted due to revisions of 40 CFR Part 158 and because an unregistered source is being used:

- Immunotoxicity 870.7800 – due date 11-10-12
- Acute Neurotoxicity 879.6200 – due date 11-10-11

Submit one copy of your final printed labeling before you release your product for shipment. This label supersedes all previously accepted labels.

If you have any questions regarding this correspondence, contact Rose Kearns of my staff by phone at 703-305-5611 or via email at [kearns.rosemary@epa.gov](mailto:kearns.rosemary@epa.gov) or myself at 703-308-9358 or via email at [kish.tony@epa.gov](mailto:kish.tony@epa.gov).

Sincerely,



Tony Kish  
Product Manager 22  
Fungicide Branch  
Registration Division (7504P)

# CHLOROTHALONIL TECHNICAL

(FOR FORMULATION PURPOSES ONLY)

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

## 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 for:**  
Celsius Property B.V., Amsterdam (NL)  
c/o Makhteshim Agan of North America, Inc.  
4515 Falls of Neuse Road, Suite 300  
Raleigh, NC 27609

EPA Reg. No. 83558-19

EPA Est. No. XXXXXXXXXX

**NET CONTENTS:** XXXX LBS

<b>FIRST AID</b>	
<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 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 mouth-to-mouth, if possible.</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 the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<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>HOTLINE NUMBERS</b>	
Have the product label with you when calling a poison control center or doctor or going for treatment. You may also contact Prosar at 1-877-250-9291 for emergency medical treatment information.	

### 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

**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. Crop injury, 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 Celsius Property B.V., Amsterdam (NL). All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Celsius Property B.V., Amsterdam (NL) 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 Celsius Property B.V., Amsterdam (NL) is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Celsius Property B.V., Amsterdam (NL) 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 Celsius Property B.V., Amsterdam (NL)'s election, the replacement of product.

Chlorothalonil Technical (83558-19)(to EPA 8-12-10)

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
*Nov. 16, 2010*  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
83558-19