

PM 32

72190-1

8-10-99

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

72190-1

Date of Issuance:

AUG 10 1999

Term of Issuance: Conditional

Name of Pesticide Product: 5-Chloro-2-  
(2,4-dichlorophenoxy)phenol  
Polymer Additive

## NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

John B. Dubeck, Agent for Celanese Acetate LLC  
c/o Keller and Heckman LLP  
1001 G Street N.W., Suite 500 West  
Washington, D.C. 20001

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to the use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit two copies of the revised final printed label for the record changing the EPA File symbol 72190-R to EPA Registration Number 72190-1 and add establishment number.
3. Make every effort to assure that all customers who use this product understand that a disinfectant product is also required and that they are aware of the labeling restrictions contained on the label and technical bulletin(s).
4. You may change the signal word on your proposed label from DANGER to CAUTION.  
Signal Word: CAUTION.

Precautionary statements to appear under the heading HAZARDS TO HUMANS AND DOMESTIC ANIMALS should state the following:

Signature of Approving Official:

Robert S. Brennis  
Product Manager 32

Date:

AUG 10 1999

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“CAUTION. Harmful if swallowed. Wash thoroughly with soap and water after handling.”

Instructions to appear under the heading STATEMENT OF PRACTICAL TREATMENT (or FIRST AID) should state the following:

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger [or, if available, by administering syrup of ipecac\*]. If person is unconscious, do not give anything by mouth and do not induce vomiting. \*This phrase is optional

5. In your next proposed label the following language must be added to the *Directions for Use* area before *Production of End Product* information:

5-Chloro-2-(2,4-dichlorophenoxy) Polymer Additive is effective against non-health related organisms which may contribute to the deterioration of the treated product. The use of 5-Chloro-2-(2,4-dichlorophenoxy) Polymer Additive extends the life of the treated article and controls deterioration resulting from non-health related organisms on treated articles. Finished products containing 5-Chloro-2-(2,4-dichlorophenoxy) Polymer Additive may not make claims of antimicrobial activity other than the protection of the article itself against growth of bacteria and mold in or on the treated article.

**\* Do not use in the manufacture or treatment of items that may come in contact with food, unless specifically noted. (Must be in bold type).**

\* Use only under an agreement with Celanese Acetate LLC.

\* Do not use for the production of baby diapers or fiber for the production of baby diapers.

\* Do not use for the production of health care products or products intended to decrease the transmission of disease (items regulated by the Food & Drug Administration).

The following conditions apply to labels for exempted treated articles:

1. No implied or explicit public health claims of any kind may be made.
2. The claims concerning the presence of a pesticide in the treated article are limited to protection of the treated article **only**.
3. When such claims involve antibacterial properties, the words “antibacterial,” “antimicrobial,” “germicidal,” or related terms, which are not part of the name of the product, the permissible claims must be qualified by statements indicating that the presence of antibacterial properties does not protect the users against disease. The users of this product should follow prudent hygienic measures by cleaning and washing themselves and the article if possible.

If you have any language on the treated article label which indicates that the article has been treated with a regulated substance, then you must include language similar to the following statement:

“Antibacterial properties are built-in to inhibit the growth of bacteria that may affect this product. The antibacterial properties do not protect users or others against bacteria, viruses, germs or other disease organisms. Always clean and wash this product thoroughly before and after use.”

If applicable, the following statement should also be used:

“Antibacterial properties will not wash off and are intended only to protect the product”.

All references to "antibacterial" properties and the required qualifying statements must be located together, must be printed in type of the same size, style and color and must be given equal prominence. Moreover, such references may not be given any greater prominence than other described product features.

No claims may be made to provide a safer or healthier environment to mitigate disease or to control the spread of allergens or insect vectors. Such claims are not exempted treated article use sites and may only be obtained through the development of acceptable performance data and separate end-use registration allowing such claims.

6. The following list of *Products* must be modified as listed below:

Delete *tooth brush bristles*.

Revise *paper & paperboard products* to read *paper & paperboard products (non-food contact only)*.

Revise *toys* to read *toys (for children over 6 months of age)*.

Delete *cutting boards*.

Revise *storage containers* by adding *(non-food contact only)*. Remove all other descriptions of the storage container use.

Revise *counter & table tops* to read *counter & table tops (non-food contact only)*.

Revise *conveyer belts* by adding *(non-food contact only)*.

Delete *serving utensils*.

Delete *grease traps*.

7. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

If you have any questions regarding this letter, please contact Tom Luminello of my staff at (703) 308-8075.



## Storage and Disposal

Store below 130°F. Do not contaminate water, food or feed by storage or disposal. Wastes from the use of this product may be disposed of on site or at an approved waste disposal facility. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in sanitary landfill or by incineration if allowed by state and local authorities. Drum cannot be reused; dispose of in the same manner.

For minor spills, shovel into approved disposal container, vacuum contaminated areas. Avoid creating dusty conditions. Take special care to avoid contamination of equipment and facilities during clean up procedures and disposal of wastes.

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 Pollution 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.

### WARRANTY

CELANESE ACETATE LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on such label when used in accordance with specific instruction issued by CELANESE ACETATE LLC.

A product of

Celanese Acetate LLC  
2850 Cherry Road  
Rock Hill, South Carolina 29730

## 5-Chloro-2-(2,4-dichlorophenoxy)-phenol Polymer Additive

A preservative, bacteriostatic agent for use in the manufacture of polymer plastic and latex products.

5-Chloro-2-(2,4-dichlorophenoxy)phenol . 99%  
INERT INGREDIENTS ..... 1%

EPA Reg. No. 72190-

EPA Est. No. 72190-

KEEP OUT OF REACH OF CHILDREN

**DANGER**

CAUTION

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Animals

Harmful if swallowed or inhaled. Do not breath dust. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### STATEMENT OF PRACTICAL TREATMENT

IF INHALED: Remove victim to fresh air.  
IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.  
IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.  
IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

Net Weight \_\_ Lbs.

## Directions for Use

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

This Additive is to be used for compounding proprietary and/or patented resin formulations under written agreement and in accord with specific instructions issued by Celanese Acetate LLC. Specific directions for reformulation will be found in technical bulletins supplied by Celanese Acetate LLC.

### Production of End Product

In the subsequent extrusion of film, yarn or fiber or in molding finished shapes, the pellets (concentrate) are then metered into a larger quantity of base resin, at a specified len-down ratio to provide the desired level for the end product. The level of Additive is specified in the range of 0.5 - 1.0% by weight.

Throughout this procedure, operators should use protective gloves and respirators. All refuse should be put into drums and incinerated in accordance with EPA regulations.

All containers of finished Celanese Acetate LLC concentrates must bear the appropriate labels which are furnished by Celanese Acetate LLC.

### Physical and Chemical Property of Active Ingredient

#### Volatility —

Measured by differential thermal analysis, the Additive does not decompose below 280-290°C. Volatilization may occur at elevated temperature.

#### Stability —

The Additive does not decompose under normal storage conditions and its thermal stability is excellent.

Under the Federal Insecticide, Fungicide, and Rodenticide Act, amended, for the pesticide, registered under EPA Reg. 72190-1

AUG 10 1999

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

72190-1

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## Leachability —

The Additive is practically insoluble in water. The solubility of the Additive is 0.0010g/100g in water at 20°C and 0.0039g/100g in water at 50°C.

## LIST OF END PRODUCTS FOR THE ADDITIVE

Polypropylene, Nylon, Acrylic, Acetate, Polyester, Rayon, Polyethylene fabrics and blends of these fibers with natural fibers; the level of additive is incorporated at a percent ranging from 0.1% to 0.15% by weight of the fabric; the additive may be incorporated directly into the fiber or as a finish for the fabric.

## Products

Hosiery & socks  
Shoes, shoe innersoles and lining  
Carpets & rugs  
Dresses  
Athletic wear  
Running gear  
Sweatshirts  
Uniforms  
Apparel trimmings & linings  
Medical & dental clothing  
Service uniforms  
Sporting team uniforms  
Sportswear  
Gloves (non-medical)  
Aprons (food service, home)  
Intimate apparel (underwear)  
Wet suits  
Furniture fabrics  
Mattress & pillow ticking  
Covers for table tops  
Table cloths, napkins  
Covers for counter tops  
Linens (towels, sheets, pillowcases, mattress covers, etc.)  
Gowns (medical & consumer)  
Bibs

Incontinence care products (diapers & underpads)

Hair brushes

~~Tooth brush bristles~~ delete

Brushes

Wall coverings

Garment bags

Blanket bags

Cubicle curtains

Window curtains & draperies

Shower curtains

Awnings (indoor & outdoor)

Mops

Janitorial brushes & brooms

Paper mulch

Silage wraps

Conveyor belts

Exercise equipment

Blankets

Polypropylene, Acetate, Polyethylene, Styrene, ABS, PVC, Nylon, Urethane, Acrylic, Epoxy polymers and films from these polymers; the level of additive is incorporated at a percent ranging from 0.15% to 0.5% by weight of the final product; the additive may be incorporated directly into the polymer or as a coating on the final product.

## Products

Comb & brushes

Tray liners

Medical & dental trays

Food service trays

Containers for cosmetics

Tooth brush handles

Toilet seats

Toilets and urinals

Portable toilets

Menu materials

X-ray holders

Per: al cards (credit cards, drivers licenses, etc.)

Currency

Garbage cans

Garbage bags & trash can liners

Paper & paperboard products (non-food contact only)

Toys - (for children over 6 months of age)

~~Cutting boards~~ delete

Floor coverings (waxes, sealers, coatings)

Door & floor mats

Tile (wall & floor) & grout

Flooring (concrete, epoxy, component fibers, & coatings of urethane, epoxy, etc.)

Storage containers (for clothing, instruments, (non-food contact only)

~~electronics, food & condiments~~

Counter & table tops (non-food contact only)

Food distribution carts (contact only)

Conveyor belts (non-food contact only)

Exercise & gym equipment

Furniture coverings

Playground equipment & furniture

Metallic coatings for plumbing fixtures

door handles

~~sewing utensils~~ delete

bed pans

floor drains

~~grease traps~~ delete

Mop buckets

Mops & mop components

Agricultural & mulch films

Floral containers

Wheels for medical carts

For protection of air filters or air filtration media against odor causing bacteria and for bacteriostatic/fungistatic activity in the presence of moisture. The levels of active ingredient by weight should not be greater than 5,000 ppm. The use of the additive can be incorporated directly into the synthetic materials (e.g., Polypropylene, Acrylic, Acetate, Polyester, Polyethylene, etc.) or as a coating on the finished product or the finished media.

ACCEPTED  
with COMMENTS  
B. R. A. Letter Dated

AUG 10 1999

Under the Federal Insecticide,  
Fungicide, and Plant Antifeedant Act,  
as amended, and the Federal Food,  
Drug, and Cosmetic Act,  
as amended.

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Safe

Food service wipes (towels)

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ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

AUG 10 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended for the pesticide  
registered under FIFRA, the

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