



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

69897-3

Date of Issuance:

June 18,  
1997

Term of Issuance: Conditional

Name of Pesticide Product: Microfree  
Brand T 558

## NOTICE OF PESTICIDE:

  x   Registration  
       Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

DuPont Specialty Chemicals  
Jackson Laboratory  
Chambers Works  
Deepwater, NJ 08023

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to 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 of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label change:

Revise the EPA Registration Number to read, "EPA Reg. No. 69897-3".

3. 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.

Signature of Approving Official:

*Marshall Swindell*  
Marshall Swindell, Acting PM 33  
RMB1/Antimicrobial Division

Date:

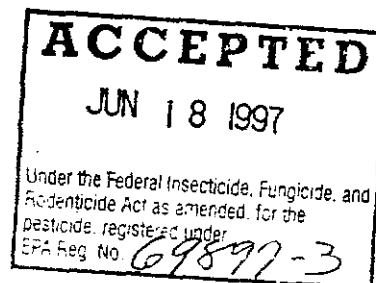
JUN 18 1997

# Microfree<sup>®</sup> Brand T 558

## A DuPont Antimicrobial Powder Formulation

A Microbiocide for Use in the Manufacture and Preservation of Commodity Products

Active Ingredients:	
Silver	0.60%
Cupric Oxide	0.43%
Zinc Silicate	0.80%
Inert Ingredients:	98.17%
TOTAL:	100.00%



KEEP OUT OF REACH OF CHILDREN

### CAUTION

#### STATEMENT OF PRACTICAL TREATMENT

**IF IN EYES:** Flush with plenty of water. Call a physician if irritation persists.  
**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.  
**IF SWALLOWED:** If swallowed, drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a physician or poison control center. Do not induce vomiting or give anything by mouth to an unconscious person.  
**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 69897-3  
EPA Establishment No. 6342-OH-02  
Net Contents: 1 gallon

## Precautionary Statements Hazards to Humans and Domestic Animals

### CAUTION

**CAUTION:** Harmful if swallowed, inhaled, or absorbed through the skin. ("Wash thoroughly with soap and water after handling.") Avoid contact with eyes or skin. Avoid contamination of cooking utensils and food preparation surfaces. Avoid breathing dust. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Keep out of any natural body of water. Do not contaminate water by cleaning of equipment or 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 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.

### DIRECTIONS FOR USE:

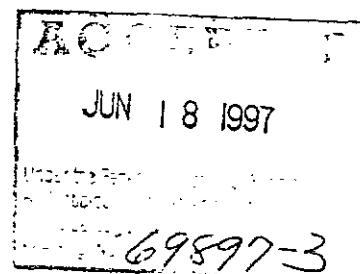
It is a violation of Federal Law to use this product inconsistent with its labeling.

**CLAIMS:** Microfree® Brand T 558 is an antimicrobial powder for commercial use. It is designed to be incorporated into the materials listed below as part of the manufacturing process to impart antimicrobial activity to the manufactured materials. Microfree® Brand T 558 antimicrobial powder suppresses the growth of bacteria and mold responsible for unpleasant odors, and discoloration of the finished product.

Products containing Microfree® Brand T 558 may not make claims of antimicrobial activity other than protection of the article itself against growth of bacteria and mold in the treated article. If growth of bacteria and mold in the treated article would lead to unpleasant odors and discoloration of the treated article, then such a claim may be made.

Microfree® Brand T 558 may be incorporated into the following materials at the specified Maximum Inhibitory Concentrations (MIC) on a weight basis of finished products.

<u>APPLICATION</u>	<u>MIC</u>
Plastics (see separate description of resins and applications)	15.0%
Fibers (see separate description of resins and applications)	15.0%
Coatings (see separate description of resins and applications)	10.0%
Adhesives and Sealants (see separate description of resins and applications)	10.0%



### TYPES OF MATERIALS:

#### 1) Plastics including films, sheets, slabs, and molded plastic parts:

**Resins:** Including polyester, polyamide, polyimide, polypropylene, polyethylene, polysiloxane, polyethylene copolymer, polyvinyl alcohol, polyvinyl chloride, epoxy, phenolic, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylic, polymethyl methacrylate, acrylonitrile-butadiene-styrene copolymer, and fluoropolymers.

**Applications:** For non-human drinking water and non-food use applications only. Including shower curtains, mats, protective covers, tape, packaging, gaskets, waste and general purpose containers, brush handles, sponges, insulators, plastic film, indoor and outdoor furniture, tubing, insulation for wire and cable, siding for housing, liners.

4 7 5

kitchen and bathroom hardware, countertops, sinks, footwear including boots, and tools.

2) Fibers

Resins: Including polyester including "Dacron," polyolefins, polyethylene, polypropylene, polyamides including "Nylon", acrylics, and "Rayon."

Applications: For non-human drinking water and non-food use applications only. Including:

Home furnishings: Mattress cover pads, pillow covers, sheets, blankets, fiberfill for quilts and pillows, curtains and draperies, carpet and carpet underlay, upholstery, wiping cloths, towels, bags, wallcover fabrics, cushion pads, and sleeping bags.

Apparel: Interliners for jackets, shoes, gloves and helmets, uniforms, coats, aprons, sportswear, sleepwear, stockings, socks, hosiery, caps, and undergarments.

Industrial: Brush bristles, artificial leather, filters, book covers, cloth for sails, ropes, tents and other outdoor equipment, and awnings.

3) Coatings

Resins: Including polyester, polyamide, polyimide, polypropylene, polyethylene, polysiloxane, polyethylene copolymer, polyvinyl alcohol, polyvinyl chloride, epoxy, phenolic, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylic, polymethyl methacrylate, acrylonitrile-butadiene-styrene copolymer, and fluoropolymers.

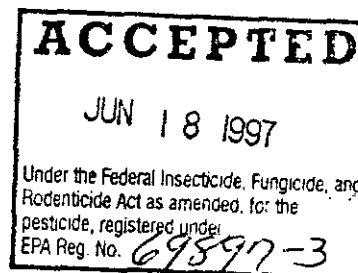
Types of coatings: water-borne, solvent-borne, 100% solids, and liquid and powder coatings.

Applications: For non-human drinking water and non-food use applications only. Including walls, floors, concrete, siding, roofing shingles, industrial equipment, natural and synthetic fibers and fabrics, packaging, paper products (wall coverings, towels, book covers), barrier fabrics, and glazing for cement tile and for vitreous china used in plumbing fixtures such as toilets, sinks, and countertops.

4) Adhesives and sealants

Resins: Including polyester, polyamide, polyimide, polypropylene, polyethylene, polysiloxane, polyethylene copolymer, polyvinyl alcohol, polyvinyl chloride, epoxy, phenolic, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylic, polymethyl methacrylate, acrylonitrile-butadiene-styrene copolymer, and fluoropolymers.

Applications: For non-human drinking water and non-food use applications only. Including adhesives used in the manufacture of wood and plastic composites, adhesives for ceramic tile, wood, rubber and plastic, glazing for windows, grout, and sealants for pipes.



5 7 5

### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not store in areas accessible to children. Do not store in places where food or feed may come in contact with the product. Keep away from direct sunlight.

**DISPOSAL:** Unused material should be disposed of on site or an approved waste disposal facility.

**CONTAINER DISPOSAL:** Empty container thoroughly and rinse with water. Dispose in regular trash collection.

E. I. du Pont de Nemours & Company, Inc.  
DuPont Specialty Chemicals  
Chambers Works, JL 4210  
Deep Water, NJ 08023

**ACCEPTED**

JUN 18 1997

Under the Federal Insecticide, Fungicide, and  
Rodenticide Act as amended, for the  
pesticide, registered under  
EPA Reg. No. 69597-3