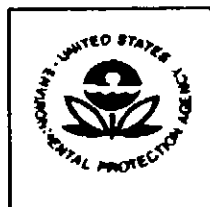


PM 22 60063-8

Jack H. H. H.



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:

60063-8

Date of Issuance:

AUG 26/994

Term of Issuance:

Conditional

Name of Pesticide Product:

Clortram P-98M

## NOTICE OF PESTICIDE:

  X   Registration  
      Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Sostram Corporation  
70 Mansell Ct., Suite 230  
Roswell, GA 30076

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/reregistration 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 changes listed below before you release the product for shipment:

a. Add the phrase, "EPA Reg. No. 60063-8".

b. In the ingredient declaration add ACTIVE INGREDIENT: immediately above Chlorothalonil and on the same margin as INERT INGREDIENTS:.

c. On the Front Panel and in the Technical Bulletin move the heading STATEMENT OF PRACTICAL TREATMENT immediately above the section starting with IF IN EYES:.

Signature of Approving Official:

131

Date:

d. In the technical bulletin move the bottom line of the box around the Storage and Disposal section so it is above the section starting with the heading CONTAINER.

e. We note on the Technica. Bulletin you left out the Structural Formula and the molecular numbers in the Empirical Formula.

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

Cynthia Giles-Parker  
Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

)

Jack et Copy 9

CLORTRAM<sup>TM</sup> P-98M

Fungicide for Mildew Control on Paint Film

ACTIVE INGREDIENT:

Chlorothalonil (tetrachloroisophthalonitrile)..... 98.0%

INERT INGREDIENTS:..... 2.0%

TOTAL:.....100.0%

STATEMENT OF PRACTICAL TREATMENT

KEEP OUT OF REACH OF CHILDREN

DANGER

IF IN EYES: Flush eyes with water for 15 minutes. Get medical attention immediately.

IF ON SKIN: Wash exposed areas of skin with soap and warm water.

IF INHALED: Remove person to fresh air and get medical attention immediately.

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available large quantities of water. Avoid alcohol.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

See Side Panel for Additional Precautionary Statements.

EPA Reg. No. 60063-

EPA Est. No.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

SOSTRAM CORPORATION  
70 Mansell Court, Suite 230  
Roswell, Georgia 30076

AUG 26, 1994

NET CONTENTS: 100 pounds/45.4 KILOGRAMS

For the Federal Insecticide, Fungicide, and Rodenticide Act, 7 U.S.C. 136 et seq., registered under FIFRA Act, 7 U.S.C. 136 et seq.  
60063-8

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive, causes severe eye damage. May be a potential skin sensitizer.

DO NOT get in eyes, on skin, or on clothing. Wear goggles or face shield, rubber gloves, long sleeve shirt, and long pants when handling this product. Wash thoroughly with soap and water after handling. May be fatal if inhaled. DO NOT breathe dust. Wear a mask or pesticide respirator jointly approved by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health. Harmful if swallowed or absorbed through the skin. Remove contaminated clothing and wash before reuse.

This product 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.

NOTE TO PHYSICIAN: Persons having allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids.

ENVIRONMENTAL HAZARDS

DO NOT discharge effluent containing this product directly into lakes, streams, ponds, estuaries, oceans or public 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 to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

DIRECTIONS FOR USE

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

NOTE TO USER: Technical chlorothalonil 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.

Refer to Technical Bulletin for use directions.

**BEST AVAILABLE COPY**

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#### STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

STORAGE: Store in a dry place.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide formulation or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use 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 DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made. ✓

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6079

CLORTRAM<sup>TM</sup> P-98M  
TECHNICAL BULLETIN  
Fungicide for Mildew  
Control on Paint Film

SOSTRAM CORPORATION  
70 Mansell Court, Suite 230  
R swell, GA 30076

EPA REG. NO. 60063-  
EPA EST. NO.

CLORTRAM P-98M is a broad-spectrum microbicide for control of fungi. Its high degree of activity provides excellent performance characteristics for use as a mildewcide in:

- latex exterior and interior emulsion paints. For exterior paints, use 5-10 pounds per 100 gallons. For interior paints, use 2.5-5 pounds per 100 gallons.
- solvent-based paints at levels of 5-12 pounds per 100 gallons.

CLORTRAM P-98M has several desirable properties which are important in manufacturing fungus-resistant paint:

- extremely low water solubility.
- low vapor pressure.
- fine particle size.
- excellent pH stability.
- white color.

**BEST AVAILABLE COPY**

DIRECTIONS FOR USE

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

NOTE TO USER: Technical chlorothalonil 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.

Latex Emulsion Paints

CLORTRAM P-98M, a micromilled powder, is best dispersed during the pigment grinding operation. Grinding equipment normally used in the paint industry is entirely satisfactory.

Generally, 5-10 pounds of CLORTRAM P-98M per 100 gallons of exterior paint are sufficient for effective mildew control in the paint film. In extreme mildew areas, such as the Gulf Coast, levels of up to 10 pounds are recommended. Levels of 2.5-5 pounds have been found effective in interior latex paint. CLORTRAM P-98M is compatible with zinc oxide in latex paints.

CLORTRAM P-98M can be used with either unmodified or alkyd modified acrylic, vinyl acrylic or polyvinyl acetate latexes.

If an in-can preservative is used in combination with CLORTRAM P-98M, its compatibility with CLORTRAM P-98M should be examined first.

#### Solvent-Based Exterior Paints

CLORTRAM P-98M can be used to aid in protecting solvent-based exterior paint films from mold growth at treatment levels of 5-12 pounds per 100 gallons. Again, dispersion is readily accomplished during the pigment grinding operation. As in the case of latex paints, zinc oxide can be used with CLORTRAM P-98M.

STATEMENT OF PRACTICAL TREATMENT  
KEEP OUT OF REACH OF CHILDREN  
DANGER

IF IN EYES: Flush eyes with water for 15 minutes. Get medical attention immediately.

IF ON SKIN: Wash exposed areas of skin with soap and warm water.

IF INHALED: Remove person to fresh air and get medical attention immediately.

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available large quantities of water. Avoid alcohol.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER

Corrosive, causes severe eye damage. May be a potential skin sensitizer. DO NOT get in eyes, on skin, or on clothing. Wear goggles or face shield, rubber gloves, long sleeve shirt, and long pants when handling this product. Wash thoroughly with soap and water after handling. May be fatal if inhaled. DO NOT breathe dust. Wear a mask or pesticide respirator jointly approved by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health. Harmful if swallowed or absorbed through the skin. Remove contaminated clothing and wash before reuse.

This product 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. NOTE TO PHYSICIAN: Persons having allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids. In case of inhalation, remove person to fresh air and get medical attention immediately.

BEST AVAILABLE COPY

#### ENVIRONMENTAL HAZARDS

DO NOT discharge effluent containing this product directly into lakes, streams, ponds, estuaries, oceans or public 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 to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

#### STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

STORAGE: Store in a dry place.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide formulation or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use 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 DISPOSAL: Empty container thoroughly. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### CONTAINER

CLORTRAM P-98M is shipped in 100-pound net weight polyethylene-lined fiber drums.

#### WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

**BEST AVAILABLE COPY**



CLORTRAM P-98M

TECHNICAL BULLETIN

Typical properties

Chemical.....Tetrachloroisophthalonitrile

Active content, %.....98% minimum

Structural Formula ?

Empirical Formula.....C<sub>6</sub>Cl<sub>4</sub>N<sub>2</sub>

Molecular Weight.....265.9

Melting Range, C.....250-257

Boiling Point, C.....>360 C at 760 mm Hg

Vapor Pressure.....5.72 x 10<sup>-7</sup> Torr @ 25 C

Hydrolysis Rate.....Does not hydrolyze in either moderate alkaline (pH 9) or acidic aqueous media

Physical State.....3-5 micron micromilled powder

Color.....White

Odor.....Pure-Odorless  
Technical-Slight pungent odor

Stability.....Thermally stable under normal temperature of storage.  
Chemically stable in mild to moderate alkaline or acidic aqueous media. Stable to ultraviolet radiation.

Corrosivity.....Noncorrosive to metals

Brightness (Tappi method).....98.8-99.0

Density.....30 lbs./ft

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