



**SOSTRAM<sup>®</sup>**  
**CORPORATION**  
**CLORTRAM<sup>®</sup> P-98M**  
**FUNGICIDE**

**For Manufacturing Use to Impart Mildew Control on Paint and Stain Films, Adhesives, Caulks and Sealants, and Decay Protection in Wood Composites**

**ACTIVE INGREDIENT:**

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

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER – PELIGRO**

**FIRST AID:**

**IF INHALED:** 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 further treatment advice.

**IF IN EYES:** 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:** 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 SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have affected person sip a glass of water if able to swallow. Do not induce vomiting unless told by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**NOTES TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Persons having a temporary allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids.

Emergency phone numbers: (800) 424-9300 CHEMTREC (transportation and spills)  
 (800) 900-4044 Poison Control Center (human health)  
 (800) 345-4735 ASPCA (animal health)

See Side Panel for Additional Precautionary Statements.

EPA REG. NO. 72304-2  
 (053001)

EPA EST. NO. \_\_\_\_\_

NET CONTENTS: \_\_\_\_\_

MANUFACTURED FOR  
 SOSTRAM CORPORATION  
 300 Colonial Center Parkway, Suite 230  
 Roswell, Georgia 30076

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER – PELIGRO**

Corrosive. Causes irreversible eye damage. DO NOT get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling.

Fatal if inhaled. DO NOT breathe dust.

DO NOT take internally.

**NOTE TO USER:** 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.

**Personal Protective Equipment (PPE):**

Handlers must wear:

- Long-sleeved shirt and long pants;
- Shoes plus socks;
- Protective eye wear;
- Waterproof gloves (some of the materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyethylene, polyvinyl chloride, or viton; If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart);
- A NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them.

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**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 to sewer systems without previously notifying the 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.

This product is used to protect treated articles from decay, mold or mildew, including paints and stains, adhesives, caulks, grouts, sealants, wood and wood composites.

Do not apply this product in a way that will contact workers or others. Only protected handlers may be in the area during use.

This product must not be sold as a mildewcidal paint additive designed for direct sale to retail customers, e.g. in a 'pillow pack' or other small volume or one-use package.

This product may be added only to paint products that are labeled

A) with product-specific instructions for the use of a respirator during application, or

B) as follows: 'When applying with a sprayer, wear 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.]'

This product must not be used as an in-container preservative.

CLORTRAM P-98M, a micromilled powder, is best dispersed during the pigment grinding operations for paints, stains and coatings. Grinding equipment normally used in the paint industry is recommended.

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### LATEX EMULSION PAINTS, STAINS, AND COATINGS

Disperse 5 to 10 pounds of CLORTRAM P-98M per 100 gallons of exterior paint to obtain effective mildew control in the paint film after it is applied. Use the high rate in areas favorable to mildew and mold growth, such as where painted surfaces frequently are warm and moist. CLORTRAM P-98M, when added to stains designed for exterior wood, also protects the wood from surface molds and mildew stains caused by fungi.

Use 2.5 to 5 pounds of CLORTRAM P-98M per 100 gallons of 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.

Clortram P-98M can be added into the paint formula during the pigment grind operation, during or after letdown, or post-added to a finished paint product after manufacture.

Note: If Clortram P-98M is used to produce post-manufacturing paint additive products, such products must be distributed to and used by only professional personnel engaged in the mixing or blending of paints. Such post-manufacturing paint additive products may not be sold directly to homeowners or non-professional painters.

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

**DO NOT** use in paints designed for applications on food-contact surfaces, or on the interior of buildings engaged in food processing or food handling. **DO NOT** use in paints designed to be handled by children.

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## SOLVENT-BASED EXTERIOR PAINTS, STAINS, AND COATINGS

CLORTRAM P-98M protects solvent-based paint and stain films from mold growth on the coated surface. Disperse 5 to 12 pounds of CLORTRAM P-98M per 100 gallons of paint. Use the high rate in areas favorable to mildew and mold growth, such as where painted surfaces frequently are warm and moist. CLORTRAM P-98M, when added to stains designed for exterior wood, also protects the wood from surface molds and mildew stains caused by fungi.

Dispersion is readily accomplished during the pigment grinding operation. Zinc oxide can be used with CLORTRAM P-98M.

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## ADHESIVES

CLORTRAM P-98M may be incorporated into adhesives to protect the applied adhesive films from mold growth and decomposition. Fully disperse 5 to 10 pounds of CLORTRAM P-98M per 1,000 pounds of adhesive while it is being manufactured. Use the high rate in areas favorable to mildew and mold growth, such as where surfaces frequently are warm and moist.

**DO NOT** use in adhesives designed for applications on food-contact surfaces, or on the interior of buildings engaged in food processing or food handling.

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## CAULKS AND SEALANTS

To provide mildew and mold control on caulking or sealing deposits after application, fully disperse 0.5 to 5 pounds of CLORTRAM P-98M per 1,000 pounds of caulk or sealant products while they are being manufactured. The high rate is recommended for exterior caulks.

**DO NOT** use in caulks or sealants designed for applications on food-contact surfaces, or on the interior of buildings engaged in food processing or food handling.

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## GROUTS

CLORTRAM P-98M may be incorporated into tile grouts to protect the finished grout joints from mold growth. Add CLORTRAM P-98M to dry grout at 0.4 to 1.6% by weight during the dry blending process (0.4 to 1.6 pounds of CLORTRAM P-98M per 100 pounds of dry grout blend). Adequate controls should be employed to prevent dusting during the handling and use of this product.

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## COMPOSITE WOOD PRODUCTS

To provide decay protection for composite wood products, such as flakeboard or particle board that is to be used for building siding, sheathing, construction timbers, decking or planking, incorporate CLORTRAM P-98M into the wood composite material while it is being manufactured. Use 0.5 to 5 lbs. of CLORTRAM P-98M per cubic foot volume of final wood composite. The high loading rate should be used in composite wood products that are intended to be installed in contact with soil or concrete, or where the wood is intended to be exposed to conditions with continuously high levels of moisture. Thoroughly incorporate CLORTRAM P-98M into the composite material as it is being ground, mixed or blended with adhesives or binding materials prior to final formation of the wood composite matrix.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool place. Protect from excessive heat.

**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:** Do not reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

### WARRANTY AND LIMITATION OF DAMAGES

**CONDITIONS OF SALE:** Sostram Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Sostram. **SOSTRAM DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SOSTRAM SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND SOSTRAM'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND USER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. SOSTRAM DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**