Fungicide for Control of Surface Molds and Sapstain Fungi on Wood

INGREDIENT STATEMENT:
Active Ingredients:
Chlorothalonil (50.2% chlorothalonil) 14.9%
Methylthio-tributylthionate 14.7%
Inert Ingredients: 70.5%
Total: 100%

*Contains 155.5 grams per liter or 1.37 pounds per U.S. gallon of chlorothalonil and 167 grams per liter or 1.39 pounds per U.S. gallon of methylthio-tributylthionate.

ENVIROMENTAL HAZARDS:
This product is toxic to aquatic invertebrates, marine/marine organisms and wildlife. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinse water. This chemical is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. This chemical can contaminate surface water through spray drift. Under some conditions, it may also have a high potential for runoff into surface water for several weeks after application. These include poorly draining or wet soils with readily visible slopes down toward adjacent water bodies. Do not apply on areas frequently flooded, or that are leached underground or that are leached away from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water. 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 local sewage treatment plant authorities. For guidance, contact your State Water Resources or Regional Office of the Environmental Protection Agency.

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SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR MERCHANTABILITY OR DISCLAIMER OF LIABILITY.

User Recommendations:

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should 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.

Users should remove clothing immediately if pesticide gets inside. Wash thoroughly and put on clean clothing.

User Safety Recommendations:

Manufactured For: ISK Biocides, Inc.
416 East Brooks Road
Memphis, TN 38109
800-248-7901

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KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lens, if present, after the first 5 minutes. Then rinse. Call a poison control center or doctor for treatment advice.

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

IF INHALED: Remove person to fresh air. If person is not breathing, call 011 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 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 further treatment advice.

NOTE TO PHYSICIAN:

Possible mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS + HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes irreparable eye damage. Wear gloves or face shield (safety glasses). May be fatal if swallowed or inhaled. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Do not breathe spray mist. Prolonged or repeated skin contact may cause allergic reaction in some individuals.

Personal Protective Equipment (PPE): Mixers, leaders, applicators and other handlers must wear:

Long-sleeve shirt and long pants, Socks and shoes, Goggles or face shield, Chemical resistant gloves made of or such as any approved material, and An organic vapor (OV) cartridge containing one of the following approved for pesticides (MSHA/ NIOSH approval number prefix TO290, or a canister approved for pesticides (MSHA/ NIOSH approval number prefix TC-140), or an NIOSH-approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or H filter.

In addition to the above clothing, footwear and respirator, handlers participating in hand applications, including introduction to materials to and removal from the dip and handling materials, must wear Class III gloves with attached full-sleeved gloves.

Follow manufacturer's instructions for cleaning maintaining Personal Protective Equipment (PPE). There are no such instructions for washables, detergent or water. Keep and wash PPE separate from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them.

GENERAL PRECAUTIONS AND RESTRICTIONS:

Do not apply this product in a way that will contact workers or other persons, pets, either directly or through drift. Only protected handlers may be in the area during treatment. All persons not directly participating in such spray applications in enclosed or indoor areas must be excluded from the treatment area at least 25 feet beyond the perimeter of the treatment site until application is complete and sprays have settled out of the air.

General Information:

Neogen is a protective fungicide with broad spectrum activity against fungi, including those which cause decay of fresh-cut lumber. When applied to fresh-cut lumber, Neogen is effective as a protective fungicide against mold and sapstain organisms. Freshly cut wood should be treated as soon as possible. Effective control requires complete coverage of the wood surface by the fungicide as a preventative application prior to development of fungal organisms. Wood, which has been colonized by mold or sapstain fungi prior to treatment will not be protected. Freshly treated lumber should be protected from rain which will reduce the effectiveness of treatment materials. This product may be used as a supplementary surface fungicide on dry or partially seasoned wood to prevent stain and mold during storage, transport or holding in concentration yards. Extremely hot and humid conditions favor the development of molds and sapstain fungi. Under these conditions, use the higher recommended rate. Wood products for use in making particle boards may be protected from molds and sapstain by the use of the pre-treatment process used for freshly cut lumber and timbers.

Application Instructions:

Add the required amount of Neogen slowly to the mixing tank while blending. Continuously agitate the mixture during treatment.

BULK DIP VATS – For bundles of lumber which are to be treated in a dip tank or vat, add at a rate of 0.5 to 1.0 gallons Neogen to 100 gallons of vat water. The lumber should remain in solution for at least one minute and all lumber surfaces should be exposed to the treating solution. Constant agitation of the vat dip solution is required to maintain a uniform suspension of the treatment materials in the tank. During dipping, the cut boards should be loosely-handled and/or stirred to allow maximum penetration of the treatment material into the bundles.

NON-BULK VATS – For individual boards which are treated in non-bulk vats including across-the-grain vats, high volume spray machines, and flood coaters, add at a rate of 0.25 to 1.0 gallons of Neogen to 20 gallons of vat water. Constant agitation is required in the vat to maintain adequate distribution of the treatment material and if a pre-treat tank is used, this pre-tank mix shall maintain constant agitation.

LOW VOLUME SPRAY MACHINES – For individual boards which are treated in low volume spray machines, add at a rate of 0.5 to 1.0 gallons of Neogen to 20 gallons of vat water. Smooth surfaced lumber normally retains only enough moisture as much fungicide as rough cut wood and, therefore, needs the higher rate of deposit the necessary amount of fungicide on the wood. Constant agitation is required in nurse tank to maintain a uniform suspension.

STORAGE AND DISPOSAL:

DO NOT contaminate water, food or feed by storage or disposal. STORAGE: Store away from food, feed or in a secure, well ventilated area protected from extreme temperatures. Do not transfer to unmarked containers. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides or rinse water 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, your local Solid Waste or Hazardous Waste Representative for guidance. CONTAINER HANDLING: Non-reusable Container. Do not reuse or refill this container. Triple rinse as follows: Fill container 1/4 full with water and recap. Shake for 10 seconds. Follow Pesticide Disposal Instructions for rinse disposal. Drain for 10 seconds after flow begins to drip. Repeat procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.