

10324-197

11/8/2010

1098



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number: 10324-197

Date of Issuance: NOV - 8 2010

Term of Issuance: Unconditional

Name of Pesticide Product:

Maguard QSX-500

NOTICE OF PESTICIDE:

- x Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mason Chemical Company
721 W. Algonquin Rd.
Arlington Heights, IL 60005

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.

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 re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Revise the "EPA Registration Symbol to read, "EPA Reg. No. 10324-197.

Signature of Approving Official:

[Handwritten Signature]

Velma Noble
Product Manager Team-31
Regulatory Management Branch
Antimicrobials Division (7510P)

Date:

NOV - 8 2010

1. Under the heading "Professional or Contactor Applications" The use "Building Materials and Components Used in New Construction or Renovation and Plastic, including Moldings, Laminates, Underlayment/Sheeting.....section must be deleted. These uses are not similar to the uses on currently registered products and will require a science evaluation and possibly additional exposure and toxicology data to support the proposed uses.

Product Chemistry:

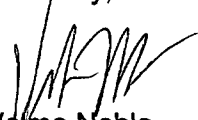
The resubmitted revised CFS was accepted per chemistry review dated 8/3/2010.

3. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

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. Should you have any questions regarding this letter, please contact Drusilla Copeland at (703) 308-6224 or Velma Noble at (703) 308-6233.

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch
Antimicrobials Division (7510P)

Enclosure: Stamped Label, Product Chemistry approved dated 10/21/10 and Acute tox review approved dated 8/3/10



MASON CHEMICAL COMPANY

"The Quaternary Specialists"

7211 W. Algonquin Road | Arlington Heights, IL 60005 | 847-290-1621 or 800-362-1855

E.P.A. Reg. No. 10324-
E.P.A. Est. No. 10324-IL-1

MAGUARD® QSX-500

Batch No.

Net Contents

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

WARNING. Keep Out of Reach of Children. Causes substantial but tempo=ry eye injury. Harmful if absorbed through the skin or inhaled. Do not get in eyes, or on clothing. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles and face shield). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Every Effort should be made to contain accidental spills of the product to the immediate area. This may be accomplished by the use of sandbags or barrier material to confine the spill to facilitate cleanup and disposal. Contaminated sands or barrier material may then be disposed of by burial in an appropriate landfill. Many spills may be cleaned up with rags or other absorbent materials by wiping, soaking and/or mopping and allowing the liquid to absorb onto the material. The absorbent material may then be disposed of by incineration or landfill. Floor drains in areas of material use should be protected with absorbent material or barrier material to contain accidental spills.

De-activation may be required during clean up if a spill occurs. De-activation of this product can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of this product.

(Mason Chemical Company) (your name here) warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on this label when used in accordance with the directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of an such use.

(Mason Chemical Company) (your name here) SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY INCLUDING THE WARRANTY OF MERCHANTABILITY.

A Silicone Quaternary Ammonium Salt
Antimicrobial Agent*
Microbiostatic Agent

ACTIVE INGREDIENTS:

3-(trihydroxysilyl) propyldimethyloctadecyl ammonium chloride..... 5.0%

OTHER INGREDIENTS:..... 95.0%

TOTAL..... 100.0%

**KEEP OUT OF REACH OF CHILDREN
WARNING**
See left (back) (side) (right) panel (of label) (below) for additional precautionary statements and first aid statements.

FIRST AID

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

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 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 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 poison control center or doctor. Do not give anything by mouth to an unconscious person.

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.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

(Note to Reviewer: This information has been verified per DOT regulations. It is NOT required to be on the label but is being requested by a customer.)

TRANSPORTATION INFORMATION

DOT Hazard Class: Non-Hazardous, not regulated

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV - 8 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 10324-197

2010

*An Antimicrobial agent is an agent that inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR This product is an antimicrobial agent effective against odor causing bacteria.

This product is an antimicrobial agent effective against bacteria which cause staining and discoloration.

This product is an antimicrobial agent effective against fungi (mold and mildew).

This product is an antimicrobial agent effective against algae.

This product, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

acteriostatic, fungistatic (mold and mildew), algaestatic.

This product, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

This product, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

APPROVED USES: The active ingredient in this product is effective against fungi (including, mold and mildew) and algae as a static agent. This product can be applied for the treatment of the following items or substrates to impart bacteriostatic/fungistatic activity. This product may be applied to products listed below for use in industrial, institutional, commercial or residential locations **for non-food contact uses at the rate and ranges prescribed by this label.**

Air filters for furnaces

Air conditioners

Air purification devices

Automobiles,

Recirculating air handling systems

Air filters/materials

Aquarium filter material

Bed sheets, blankets and bedspreads

Buffer pads (abrasive and polishing)

Carpets and draperies

Cellulose sponges

Exterior wall (such as stone concrete, brick)

Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon polyester, rayon, or wool

Fiberglass ductboard

Fire hose fabric

Humidifier belts

Mattress pads and ticking

Men's underwear and outerwear

Non-woven disposable diapers

Non-woven polyester

Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)

This product can be used in paints and coatings as an in can preservative for protection of paint film and coating film. Types of paint and coatings include: latex indoor/outdoor paints and stains, wood stains, architectural paints, lacquer and maintenance coatings, films, laminates and finishes including alkyd, urethane, enamel, epoxy, siloxaline, amino resins, textile coatings, extrusion coatings, architectural coatings and overlays, anticorrosion coatings, fire-resistant coatings, aliphatic coatings, vinyl-ester and polyester coatings, gel coatings, amino resins, resins used as additive mixes for cement, epoxy laminating resins, and blends and copolymers thereof.

Polyurethane and cellulosefoam for household, industrial, and institutional sponges and mops

Polyurethane and polyethylene foam, when covered

4088

Polyurethane foam for packaging and cushioning in non-food crops and plants
 Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
 Roofing materials; defined as shingles, roofing granules, wood stakes, felt, stone and synthetic overcoats.
 Sand bags, tents, tarpaulins and sails
 Athletic and casual shoes
 Shoe insoles
 Shower curtains
 Socks comprised of nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
 Throw rugs
 Toilet tank and seat covers
 Umbrellas
 Toweling made of 100% cotton, 100% polyester, and blends of these two fibers
 Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefin, polypropylene, rayon, spandex, vinyl or wool
 Vacuum cleaner bags and filters
 Vinyl paper-wallpaper for non food contact surfaces
 Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticidal properties
 Women's hosiery
 Women's intimate apparel

This product is registered as a microbiostatic agent for material preservation; neither this product nor the articles treated with this product may state or imply any public health claims. Articles or substances treated with this product will be exempt from FIFRA regulation pursuant to 40 CFR 152.25 (a); the intended use is for the protection of the article or substance itself.

DIRECTIONS FOR USE

(Note to reviewer: The following statement will be used on all labels.)

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

PREPARATION OF GENERAL USE SOLUTION: Prepare solutions by simply adding the product to solvent and stirring. Dilute this product by adding 0.2 to 2 fluid ounces of this product per cup (3.2 to 32 fluid ounces of this product per gallon) of water or other solvent (for example, alcohol and ketones) and then apply to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging or by using foam finishing techniques to give a final treatment on 0.1 to 1 percent weight of active ingredient.

Do not use in any application involving direct or indirect food or drinking water contact.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply this product every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

This product when used as a concrete additive is added directly during concrete preparation. Use 6 fluid ounces of this product per cubic feet of concrete. Add water before addition of concrete. Addition of this product reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion. *(Note to reviewer: This statement will be used on labels.)*

This product, when used as an additive for paints and coatings, is added directly during the preparation of the paint or coating. Use 5 pounds of this product per 100 pounds of paint or coating (or 1 pound of this product per 20 pounds paint/coating). The addition of this product to paints at the point of manufacture preserves the paint in the can as well as the dried paint film. This product inhibits the growth of odor causing bacteria, bacteria which causes staining and discoloration, fungi, (mold and mildew), and algae on the surface of dried films and coatings.

APPROVED COMMERCIAL AND INDUSTRIAL APPLICATIONS

APPROVED COMMERCIAL APPLICATIONS USED IN HOMES, OFFICES, AUTOMOBILES AND INSTITUTIONS E.G., SCHOOLS, HOSPITALS, DAYCARE CENTERS, CHURCHES, CORRECTIONAL FACILITIES, HOTELS, CRUISE AND FREIGHT LINERS

For Pump Spray Applications: Dilute 8 ounces of this product per gallon of water (2 oz. per quart; 1 ounce per pint) Using pump sprayer, spray entire surface area 4 – 6”s from the surface making sure that surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more product may be required due to absorption. A fan may be used to assist in drying carpeting.

For Commercial Spray Application: For commercial application equipment (i.e. carpet upholstery steamers, rotary jet extraction cleaners, pressure sprayers) dilute 8 ounces of this product per gallon of water (2 oz. per quart, 1 oz. per pint); mix well. Apply and let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more product may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough solution to completely submerge item. Dilute 8 ounces of this product per gallon of water (2 oz. per quart; 1 oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply this product every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

HOMEOWNER APPLICATIONS

Approved homeowner uses

The active ingredient in this product is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static

5068

agent. This product can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

FOR: Bed sheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweater, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). This product can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, spandex, vinyl and wool.

Dip/Soak: Dilute 8 ounces of this product per gallon of water (2 oz. per quart; 1 oz. per pint); mix well. Use enough solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid from treated item. For larger items (e.g. bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping and soaking. Dry treated articles before use. Substrates can be hang dried at room temperature or at temperatures to a maximum of 160° C (320° F); (for example in a clothes dryer). If necessary, reapply this product every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Spray: Dilute 8 ounces of this product per gallon of water (2 oz. per quart; 1 oz. per pint); mix well. Using trigger pump sprayer or pressure sprayer, spray entire surface area 4 – 6”s from the surface making sure that surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. Test for staining and color fastness of fabric by treating and drying a small, concealed area prior to application. If necessary, reapply this product every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

FOR: Air filters and air filter material for furnaces, air conditioners, air purification systems, automobiles, recirculating air handling systems, vacuum cleaner filter and aquariums.

Spray: Dilute 8 ounces of this product per gallon of water (2 oz. per quart; 1 oz. per pint); mix well. When treating filters, remove filter form unit. Using trigger pump sprayer or pressure sprayer, spray entire surface area 4 – 6”s from the surface making sure that surface is completely covered. Apply and then let stand until dry. If necessary, reapply this product every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

FOR: Carpeting

Spray: Dilute 8 ounces of this product per gallon of water (2 oz. per quart; 1 oz. per pint); mix well. Apply to clean carpet surfaces Using trigger pump sprayer or pressure sprayer, spray entire surface area 4 – 6”s from the surface making sure that surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted solution directly to the cleaning tank then operate the equipment in accordance with manufacturer’s instructions. Apply and then let stand until dry. Test for staining and color fastness of carpets by treating and drying a small, concealed area prior to application. Treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more product may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply this product every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

FOR: Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefin, polypropylene, rayon, spandex, vinyl or wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon or wool.

Spray: Dilute 8 ounces of this product per gallon of water (2 oz. per quart; 1 ounce per pint) Clean surfaces prior to application. Using trigger pump sprayer, spray entire surface area 4 – 6”s from the surface making sure that surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color fastness of fabric by treating and drying a small, concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply this product every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

FOR: Tents, tarpaulins, sails, ropes

Spray: Dilute 8 ounces of this product per gallon of water (2 oz. per quart; 1 ounce per pint) Clean surfaces prior to application. Using trigger pump sprayer, spray entire surface area 4 – 6”s from the surface making sure that surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color fastness of fabric by treating and drying a small, concealed area prior to application. If necessary, reapply this product every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Dip/Soak: Dilute 8 ounces of this product per gallon of water (2 oz. per quart; 1 oz. per pint); mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping and soaking. Dry treated articles before use. Substrates can be hang dried at room temperature or at temperatures to a maximum of 160° C (320° F); (for example in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply this product every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

FOR: Roofing material (such as shingles, roofing granules, wood stakes, felt, stone, synthetic overcoats) exterior walls (Such as stone, concrete, brick)

Spray: Dilute 8 ounces of this product per gallon of water (2 oz. per quart; 1 ounce per pint). Make sure the roof or wall is clean prior to application. Using pressure sprayer, spray entire surface area 6 – 12” from the surface making sure that surface is completely covered. After applying the dilute solution of this product let stand until air dry. Treats approximately 200 square feet of roofing or wall per diluted gallon of water. If necessary, reapply this product every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

FOR: Buffer pads (polishing and abrasive), Polyurethane and cellulose foam for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes and athletic shoes.

Spray: Dilute 8 ounces of this product per gallon of water (2 oz. per quart; 1 ounce per pint). Clean surfaces prior to application. Using trigger pump sprayer, spray entire surface area 4 – 6”s from the surface making sure that surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply this

1008

product every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

FOR: Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, Formica, glazed porcelain, synthetic marble, plastic, vinyl.

Spray: Dilute 8 ounces of this product per gallon of water (2 oz. per quart; 1 ounce per pint). Using trigger pump sprayer, spray entire surface area 4 – 6" from the surface making sure that surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply this product every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

PROFESSIONAL OR CONTRACTOR APPLICATIONS

BUILDING MATERIALS AND COMPONENTS USED IN NEW CONSTRUCTION OR RENOVATION

WOOD, WOOD PRODUCTS AND WOOD COMPOSITES, INCLUDING FLAKE BOARD, PLYWOOD, WALLBOARD, PARTICLE BOARD, CARDBOARD

Preventative Treatment – For prevention of mold and mildew growth on these surfaces prior to completion of construction, mix 8 – 16 ounces of this product into a gallon of water. Use the high concentration if the product to be treated is expected to remain in moist or wet condition for a prolonged period. Apply evenly by paint brush, airless sprayer, low pressure hand wand, or backpack sprayer.

Permit treated surfaces to thoroughly dry before painting or affixing overlayment materials such as siding, wallboard or flooring. Before applying this product, visible mold growth must be removed, and conditions favorable to mold growth must be identified and corrected.

For protection of these surfaces from decay of composite wood products to be used for building siding, sheathing, construction timbers, decking or planking, apply this product on the wood composite material. Use 1 pound of this product 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 apply this product onto the composite material. Permit treated surfaces to thoroughly dry before painting or affixing overlayment materials such as siding, wallboard or flooring.

CONCRETE, BRICK, STONE AND MASONRY (CINDER BLOCK) PRODUCTS, INCLUDING FABRICATION AND REPAIR OF CONCRETE SEWER STRUCTURES SUCH AS PIPE AND MANHOLES (Not For Use In Treatment Of Storm Drains.)

Preventative Treatment – For prevention of mold and mildew growth on these surfaces of finished products prior to completion of construction, mix 8 – 16 ounces of this product into a gallon of water. Use the high concentration if the product to be treated is expected to remain in moist or wet condition for a prolonged period. Apply evenly by paint brush, airless sprayer low pressure hand wand, or backpack sprayer. Permit treated surfaces to thoroughly dry before painting or affixing overlayment materials such as siding, wallboard or flooring. Before applying this product, visible mold growth must be removed, and conditions favorable to mold growth must be identified and corrected.

For use as a concrete additive, use 16 fluid ounces of this product per cubic yard of concrete. Add this product directly to water during concrete preparation before addition of concrete.

PAINTED AND COATED SURFACES

Preventative Treatment – For prevention of mold and mildew growth on these surfaces, dilute equivalent of 8 ounces of this product per gallon of water (i.e. 2 ounces per quart; 1 ounce per pint). Mix well. Apply evenly by paint brush, roller, airless sprayer low pressure hand wand or backpack sprayer. Then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. This product treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more product may be required due to absorption. This product is not intended for control of existing or anticipated public health related microorganism. Before applying this product, visible mold growth must be removed, and conditions favorable to mold growth must be identified and corrected.

PLASTIC, INCLUDING MOLDINGS, LAMINATES, UNDERLAYMENT/SHEETING, SUCH AS TYVEX, EXTRUSIONS, PIPING AND PLUMBING FIXTURES (EXCLUDING THOSE FOR USE IN POTABLE WATER LINES), SIDING, FENCING, COMPOSITE PLASTICS, CONTAINERS, FLOORING AND COATINGS

Preventative Treatment – For prevention of mold and mildew growth on these surfaces, dilute 16 ounces of this product per gallon of water (4 oz. per quart; 2oz. per pint). Mix well. Apply evenly by paint brush, airless sprayer, low pressure hand wand, or backpack sprayer. Then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. This product treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more product may be required due to absorption.

ROOFING MATERIALS INCLUDING SHINGLES, ROOFING GRANULES, TILES, MEMBRANES, UNDERLAYMENT, WOOD SHAKES, FELT, STONE, CONCRETE, SYNTHETIC OVERCOATS

Preventative Treatment – For prevention of mold and mildew growth on these surfaces, this product may be applied to final products by a professional applicator. Apply evenly by paint brush, airless sprayer, low pressure hand wand, or backpack sprayer. The final article may contain from 0.1 to 1.0% by weight active ingredient. Allow to air dry. This product treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more product may be required due to absorption. If necessary, reapply this product every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

WALLS AND FLOORING INCLUDING VINYL, WOOD, LAMINATE, CONCRETE, TILE, STONE, WALLBOARD, PLASTER, DRYVIT CONCRETE, CINDER BLOCK, BRICK, PLASTIC, WALL PAPER AND WALL COVERINGS, CARPET, UNDERLAYMENT AND MATS

Preventative Treatment – For prevention of odor-causing bacteria, mold and mildew growth on these surfaces, dilute the equivalent of 16 ounces of this product per gallon of water (i.e. 4 oz. per quart; 2oz. per pint). Mix well. Apply evenly by paint brush, airless sprayer, low pressure hand wand, or backpack sprayer. Then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. This product treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more product may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting. The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F). If necessary, reapply this product every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

8 of 8

(Note to reviewer: The title and first statement of this section must appear on every label, followed by the appropriate Storage and Disposal section.)

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

(FOR CONTAINERS FOR HOUSEHOLD/RESIDENTIAL USE)

STORAGE AND DISPOSAL

Store in original container in areas inaccessible to small children. Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Wrap and discard in trash (or recycle).

PACKET DISPOSAL: Do not reuse. Discard empty container and put in trash.

(FOR USE ON NON-REFILLABLE CONTAINERS WITH

INSTITUTIONAL/COMMERCIAL/INDUSTRIAL NON-PUBLIC HEALTH USES ONLY)

PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture 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 HANDLING DISPOSAL: Non-refillable container. Do not reuse this container to hold materials other than pesticides or diluted pesticides (rinsate). Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. If rinsate cannot be used, follow pesticide disposal instructions. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations.

RESIDUE REMOVAL INSTRUCTIONS *(For containers less than 5 gallons):* Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

RESIDUE REMOVAL INSTRUCTIONS *(For containers greater than 5 gallons):* Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store for later use or disposal. Repeat this procedure two more times.

BATCH CODE: *(Can be placed on container or label)*

(FOR USE ON REFILLABLE CONTAINERS – 5 gallon and 55 gallon containers)

PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture 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 HANDLING DISPOSAL: Triple rinse (or equivalent). Refill this container with this product only. Do not reuse this container for any other purpose.

RESIDUE REMOVAL INSTRUCTIONS *(For containers greater than 5 gallons with Industrial/Commercial Non-public Health Uses):* Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

8048