

10324-184

07/10/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
U.S. ENVIRONMENTAL PROTECTION AGENCY

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

Date of Issuance:

JUL 10 2009

Number:

10324-184

Term of Issuance:

Unconditional

Name of Pesticide Product:

Maquat 86-HMR

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mason Chemical Company  
721 W. Algonquin Road  
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.

This product (OPP Decision No. D-) 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 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. 10324-186."
  - b. Since this product is not to be used on food contact surfaces or interior of buildings engaged in food processing/food handling, delete the following food use sites and surfaces listed in right column on page 3:

Signature of Approving Official:

*Velma Noble*

Date:

JUL 10 2009

CONCURRENCES

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Restaurants, bars, cafeterias, institutional kitchens, fast food operations, food storage areas, supermarkets, convenience stores, food establishments, coffee shops, donut shops, bagel stores, pizza parlors, liquor stores, kitchens, and refrigerated storage and display equipment.

c. Revise the statement that reads "this product is compatible with ...borates" by adding Bora-Care's EPA Registration Number, 64405-1, and deleting the product, Cellu-Treat, because it is not a registered pesticide.

d. The 4<sup>th</sup> statement under "Preventative Treatment" on page 4 must be brought into compliance with PR Notice 2000-5, Mandatory Labeling, by deleting the term, should, and stating "must."

e. Revise the 5<sup>th</sup> statement in the 2<sup>nd</sup> paragraph under "Remedial Treatment" on page 4 by deleting the term, should, and stating "must."

f. Revise the 6<sup>th</sup> statement under "Carpets ... Paneling" directions on page 5 by deleting the term, through, and stating "thorough."

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 Jacqueline McFarlane at (703) 308-6416.

Sincerely,



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

Enclosure: Stamped Label  
DERs

CONCURRENCES

SYMBOL								
SURNAME								
DATE								



**MASON CHEMICAL COMPANY**

*"The Quaternary Specialists"*

7215 W. Algonquin Road, Arlington Heights, IL 60005 | 847-290-1621 or 800-362-1855

E.P.A. Reg. No. 10324-XXX

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

# MAQUAT® 86-HMR

Net Contents

Batch No.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

#### ENVIRONMENTAL HAZARD

This product is toxic to fish.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not mix with oxidizers, anionic soaps and detergents.

#### 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).

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

**JUL 10 2009**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 10324-184

For Use to Impart Control of Mold and Mildew on Wood, Wallboard, Concrete, and Masonry (Cinder) Block Construction Materials in Buildings, and on Most Indoor Hard Surfaces as well as Fabrics, Upholstery, Clothing, Curtains, Cushions and Animal Bedding.

Water Damage Restoration. Sewer Backup and Water Damage From Flooding.

#### ACTIVE INGREDIENTS:

Octyl Decyl Dimethyl Ammonium Chloride .....	0.026%
Didecyl Dimethyl Ammonium Chloride .....	0.013%
Dioctyl Dimethyl Ammonium Chloride .....	0.013%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride .....	0.034%

INERT INGREDIENTS: ..... 99.914%

TOTAL ..... 100.000%

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

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.

(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: Not Regulated  
DOT Proper Shipping Name: Not applicable

## MARKETING CLAIMS

This product contains no phosphorous.

This product will not leave a grit or soap scum.

(Eliminates) (and) (prevents) mold (and) (mildew,) (fungi,) (staining,) (and associated staining).

Prevents (future) mold (and mildew) (problems).

Eliminates (and prevents) mold (growth) (problems).

(Controls) (Prevents) (Inhibits) (fungi) (mildew) (mold) (mold and mildew).

(Stops) (Controls) (Prevents) (Inhibits) (the growth of) (fungi,) (mildew,) (mold,) (mold and mildew) (growth) (and their odors) (and their stains) on (hard surfaces) (fabrics) (upholstery) (clothing) (curtains) (cushions) (animal bedding).

Effective against (fungi) (mildew) (mold) (mold and mildew) (mold and mildew stains).

Eliminates mold (musty) odors (stains) (caused by mold and mildew).

Contains no ammonia, bleach, alcohol, acid, or VOCs.

(Suitable) for (use on) most (indoor) surfaces (including fabrics) (upholstery) (clothing) (curtains) (cushions) (animal bedding).

(Hard surface) (Fabric) Fungistat (and) (Hard Surface) Mildewstat.

Odorless (and) colorless.

Mold control

Mason's patented (breakthrough) technology prevents mold (and mildew) growth. (Treated surfaces retain a protective barrier (that (will) prevent(s) the growth of mold and mildew)).

This product dries on surfaces to create an invisible antimicrobial shield that (eliminates mold (and mildew)) (problems,) (inhibits the growth of mold) (and) (fungal spores) (fungi), (prevents new (mold) growth) (and) (eliminates) (gets rid of) (wipes out) (musty) odors. This product contains no (bleach,) (ammonia,) (alcohol,) (acids,) (or) (other) (VOC's) (and is suitable for use on most surfaces.)

Use this product (to (eliminate) (mold problems) (and prevent mold) (problems) (control mold) in (the following (vulnerable) areas) (basements,) (bathrooms,) (closets) (and) (around windows).

For use on (the following) (non-porous) (semi-porous) (porous) (hard) (and fabric) surfaces (wallboard,) (plaster,) (wood,) (metal,) (masonry,) (concrete,) (tile,) (curtains,) (slipcovers,) (upholstery,) (cushions,) (clothing,) (and) (animal bedding).

This product is (specially formulated) (a unique technology) for effective (control) of (most) offensive (stains) (odors) caused by mold and mildew.

Controls (Inhibits) mold and mildew (leaving a fresh clean scent) (leaving rooms clean and fresh smelling).

Helps prevent mold (growth) (in) (on) (surfaces) (places vulnerable to mold), (including:)

- Basements
- Bathrooms
- Vacation homes
- Boat interiors
- Areas under construction

For use in homes, businesses or institutions.

No fumes

Not flammable

Deodorizer

Eliminates (kills) (musty) (foul) (stale) odors (from) (gym) (sports) (hockey) (football) (baseball) (basketball) (athletic) (equipment) (lockers).

This product eliminates odor-causing particles (fungi and mold), (eliminating) (getting rid of) (killing) (reducing) (the) (that) (musty) (stale) (foul) (odor) (smell).

(For) (Use) (on) (in) (gym) (sports) (hockey) (football) (baseball) (basketball) (athletic) (equipment) (lockers).

No mixing required.

Ready to use.

Easy to use.

For use on (fabrics) (upholstery) (clothing) (curtains) (cushions) (animal bedding) (too)

Works on (fabrics) (upholstery) (clothing) (curtains) (cushions) (animal bedding) (too)

No bleach. No ammonia. No mold. No problem.

Break the mold.

Ditch the bleach.

(Also) an effective cleaner and degreaser.

Try it as a cleaner and degreaser.

(Great for) (Try it for) spot cleaning and degreasing (too).

(Eliminates) (removes) (stubborn) (tough) stains and grease (too).

Ideal for (Can be used for):

- Mold prevention in homes, businesses and institutions.
- Pre-treatment of building materials for mold resistance
- (DIY) (Do-it-yourself) mold prevention
- New construction protection
- (Insert one of the surfaces and/or sites listed on this label)

This product is used to protect treated articles from decay, mold or mildew.

This product inhibits bacterial growth on moist surfaces and deodorizes by killing microorganisms that cause offensive odors. (Not for use in California.)

This product inhibits the growth of mold and mildew and their odors when used as directed.

(Cleans,) (Removes) (Eliminates,) (and) (Prevents) mold (and) (mildew,) (fungi,) (staining,) (and associated staining)

(Cleans,) (Remediates) (and Prevents) mold (and mildew) (all-in-one)

Eliminates existing (mold) (problems) and prevents future (mold) (problems)

Get(s) rid of mold

Wipe(s) out mold

Wherever mold takes hold

(Stops) (Cleans and) (Controls) (Prevents) (Inhibits) the growth of (fungi) (mildew) (mold) (mold and mildew) (and their odors) (and their stains) on (hard surfaces) (fabrics) (upholstery) (clothing) (curtains) (cushions) (animal bedding)

Mason's patented (breakthrough) technology encapsulates mold and fungal spores with a microscopic coating that inhibits (and prevents) its growth. (Treated surfaces retain a protective barrier that will prevent the growth of mold and mildew.)

This product dries on surfaces to create an invisible antimicrobial shield that (encapsulates and) inhibits the growth of mold (and) (fungal) (spores) (fungi), prevents new (mold) growth and eliminates (musty) odors. This product contains no (bleach,) (ammonia,) (alcohol,) (acids,) (or) (other) (VOCs) and is suitable for use on most surfaces.)

*Ideal for (Can be used for):*

- Mold remediation in homes, businesses and institutions
- Mold prevention following flooding or water damage cleanup
- (DIY) (Do-it-yourself) mold clean-up and prevention
- (Insert one of the surfaces and/or sites listed on this label)

When used as directed, this product will clean and protect treated wood articles from the destructive attack of fungi, mold and mildew. Treatment can be done by brush and/or spray. Wood articles that will be protected by these treatments would include millwork, construction timbers, decking, wood shingles, posts and other articles to be used in above ground applications.

This product maximizes (improves) labor results by effectively controlling odors.

This product is an economical concentrate that can be used with a mop and bucket, trigger sprayers, or sponge.

This product neutralizes musty odors and tough odors from smoke.

This product is specially formulated to effectively eliminate offensive odors caused by mold and mildew.

Eliminates odors caused by bacteria.

This product (formulation) is a one step (ready to use) cleaner that is fungicidal and will inhibit the growth of mold and mildew and their odors when used as directed.

For use as a mold preventative or remediation treatment in areas where mold can or has been a problem.

**Maquat® 86-HMR for use in:**

- Homes (households), condos, apartments, summer homes
- Vacation homes, farmhouses, mobile homes, RV's, summer cottage, trailers, and vacation homes
- Boat interiors, camper interiors
- Areas under construction (*\*Concrobium, EPA Reg No. 82552-1*)
- Basements, cellars, bedrooms, attics, and living rooms.
- Closets, den/study, family room, dining room, laundry room, home workshop, garage and other household areas
- Mud rooms, pet areas, playrooms, storage areas, storage buildings, sunrooms, toolsheds, and workshops
- Day care centers, nurseries, kindergartens, and preschools, dormitories, and bathrooms
- EMS & fire facilities.
- Life care retirement communities, home healthcare institutions.

- Restaurants, bars, cafeterias, institutional kitchens, fast food operations and food storage areas.
- Supermarkets, convenience stores, retail and wholesale establishments, department stores, shopping malls, gift shops, video stores, bookstores, dressing rooms and laundries, photocopy centers, bicycle shops, auto repair centers and laundries.
- Manufacturing facilities.
- Food establishments, coffee shops, donut shops, bagel stores, pizza parlors, liquor stores.
- Police stations, courthouses, correctional facilities, jails, prisons, municipal government buildings, penitentiaries, correctional institutions, bus stations, train stations.
- Institutional facilities, laboratories, factories, business and office buildings, restrooms, hotels and motels.
- Public restrooms, public facilities, shower rooms, shower stalls, bathrooms.
- Institutions, schools and colleges, churches, classrooms, community colleges, universities, athletic facilities and locker rooms, exercise rooms, exercise facilities, gyms, gymnasiums, warehouses.
- Kitchens, bathrooms and other household areas.
- Health clubs and spas.
- Recreational facilities, sports arenas, sports complexes.
- Veterinary clinics, animal life science laboratories, animal research centers, animal quarantine areas, animal breeding facilities, kennels, dog/cat animal kennels, breeding and grooming establishments, pet animal quarters, zoos, and other animal care facilities.

- Boats, ships, and barges, cruise lines, shipping terminals.

- Commercial florist and flower shops.

This product may be used on (washable) hard, non-porous surfaces (as a cleaner/deodorizer) such as:

- Bathroom basins, bathroom surfaces, bathroom tiles, bidets, and (under) sink (basins)
- Glass, metal, enamel, stainless steel, glazed porcelain (tile), glazed ceramic (tile), sealed granite, marble (cultured), marble (synthetic), marlite, plastic laminate, vinyl (tile), laminated surfaces, linoleum, parquet, and Plexiglass®, plastic (such as polystyrene or polypropylene), sealed limestone, sealed slate, sealed stone, sealed terra cotta, sealed terrazzo, chrome
- Fabric (surfaces)
- Foundations, steps, plumbing fixtures, finished baseboards, windows, windowsills and floors
- Tables, chairs, desks, bed frames, bed springs, (washable) walls, cabinets, and garbage cans (pails)
- Refrigerated storage and display equipment, coils and drain pans of air conditioning, refrigeration equipment.
- Shower (stall) (area), shower doors, shower (curtain) (plastic) (liner), (fiberglass) bathtubs, toilet/unreal exteriors, diaper pails, plastic laundry (basket) hamper, portable toilets and (around) toilet areas

- Cat litter boxes
- Lockers, sports equipment, garage surfaces, recycle bins
- Metal blinds, louvers, mattresses, plastic mattress covers, lamps, mirrors
- No wax floors, resilient flooring
- Enameled surfaces, painted woodwork (finished), Formica®, vinyl and plastic upholstery.

## DIRECTIONS FOR USE

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

*(Note to Reviewer: The following label language will appear on ALL labels.)*

If you need help in understanding any part of these instructions or have additional questions after reading these instructions, **DO NOT APPLY THIS PRODUCT** until you have received the answers for all your questions.

### MOLD & MILDEW

#### MOLD AND MILDEW CONTROL ON WOOD, WALLBOARD, FABRIC, CONCRETE, AND MASONRY (CINDER) BLOCK AND CONSTRUCTION MATERIALS IN BUILDINGS

This product is used to treat wood, wallboard, fabric, concrete, and masonry (cinder) block building materials to inhibit or prevent the growth of mold (mildew) organisms when the materials are subjected to moist or wet environments. Before applying this product, visible mold growth must be removed, and the conditions favorable to mold growth must be identified and corrected. Keep children, pets, and livestock off treated areas until spray has dried following application.

This product is compatible with, and may be mixed with wood protection products containing borates (such as BORA-CARE® and CELLU-TREAT®)

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

Occupants including pets and livestock must be removed from the area prior to treatment.

Before applying this product, visible mold growth must be removed and conditions favorable to mold growth must be identified and corrected.

This product may be applied on wood shingles or shake roofs and surfaces such as lumber, concrete, concrete block and steel. Apply this product by low-pressure spray followed by brushing the product into the surfaces. A moderately fine spray, not an aerosol or fog, generally provides the best coverage at practical product concentrations. Apply only to point of runoff.

#### PREVENTATIVE TREATMENT

To inhibit surface mold and mildew growth on wood, wallboard, fabric, concrete, and masonry (cinder) block construction materials in new or renovated building construction. Apply undiluted solution evenly by airless sprayer, low pressure handwand, or backpack sprayer and brush into surface. Assure uniform coverage of surfaces to be protected and thoroughly wet all treated surfaces completely. Surfaces should be evenly wet without runoff or pooling. (To promote drying) (and to avoid residue marks), (use a clean cloth or paper towel to) Wipe (clean) (off excess wetness). Permit treated surfaces to thoroughly dry before painting or affixing overlayment materials such as siding, wallboard or flooring.

Repeat the application of this product as necessary if mold growth appears, following directions provided below for REMEDIAL TREATMENT. Normally, infrequent application (once a year or longer) will provide effective control. If regrowth occurs, investigate to determine the cause and correct the problem prior to reapplication of this product. Mold may occur in conditions of persistently high humidity, standing water, or hidden water leaks.

#### REMEDIAL TREATMENT

Strategies to respond to water damage in 24 hours are a key part of avoiding mold contamination. Dry wood and wallboard within 24 hours. This product must be used as part of a comprehensive mold remediation or water damage restoration program, including:

- Periodic monitoring and inspection of conditions favorable to mold growth such as moisture ingress and high relative humidity
- Effecting repairs as necessary to eliminate conditions favorable to mold growth
- Drying of affected areas to below 20% moisture content

Use appropriate clean-up methods described below. Apply undiluted solution evenly by airless sprayer, low-pressure hand wand, or backpack sprayer and brush into surface. Assure uniform coverage of surfaces to be protected and thoroughly wet all treated surfaces completely. (This product must come in direct contact with mold to be effective.) Surfaces should be evenly wet without runoff or pooling. Permit treated surfaces to thoroughly dry before painting or affixing overlayment materials such as siding, wallboard or flooring. Assist in drying process after application by use of fans, dehumidifiers, heater and other methods of ventilation.

Reapply weekly or when growth or odor reappears. Determine and correct the cause of re-growth before reapplication. Reapply this product if surfaces are washed or painted. (Reapply weekly on hard surfaces and (monthly) (every 28 days) on fabrics, or whenever (new growth) (mildew) (mold) (regrowth) appears.)

The following associations and internet sites should be consulted for information on standards and guidelines for remedial treatment of mold and mildew:

- IICRC-Institute of Inspection, Cleaning and Restoration Certification (<http://www.iicrc.org/>)
- IAQA-Indoor Air Quality Association ([www.iaqa.org](http://www.iaqa.org))
- EPA-Environmental Protection Agency ([www.epa.gov](http://www.epa.gov))
- DOH-New York City Department of Health ([www.ci.nyc.ny.us/html/doh/html/epi/moldrpt1.html](http://www.ci.nyc.ny.us/html/doh/html/epi/moldrpt1.html))

Consider potential for remediator exposure and size of contaminated area before using this product.

#### SMALL AREAS-TOTAL SURFACE AREA AFFECTED LESS THAN 10 SQUARE FEET

Areas of growth less than 10 square feet (area of a single wall panel) can normally be remediated easily. Apply this product to retard the (growth and) spread of fungal spores (and other contaminants) until the area can be thoroughly cleaned and remediated. If ceiling tiles or other easily removable items (of nominal value) are moldy, remove them, seal in a plastic bag and dispose with normal trash. If the surface is not easily replaceable following the directions provided below.

#### CLEANUP METHODS

##### WOOD SURFACES

Prior to applying this product, clean the affected area using one of the following or another preferred method.

Method 1: Wet vacuum (in the case of porous materials, some mold spore/fragments will remain in the material but will not grow if the material is completely dried.)

Method 2: Damp-wipe surfaces with plain water or use a wood floor cleaner; scrub as needed.

Method 3: High-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

#### **WALLBOARD (DRYWALL AND GYPSUM BOARD)**

Prior to applying this product, clean the affected area using high-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

#### **OTHER CONSTRUCTION MATERIAL (CONCRETE OR CINDER BLOCK)**

Method 1: Wet vacuum (in the case of porous materials, some mold spore/fragments will remain in the material but will not grow if the material is completely dried.)

Method 2: High-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

**LARGE-TOTAL SURFACE AREA AFFECTED GREATER THAN 10 SQUARE FEET OR POTENTIAL FOR INCREASED OCCUPANT OR REMEDIATOR EXPOSURE DURING REMEDIATION ESTIMATED TO BE SIGNIFICANT – FOR PROFESSIONAL USE ONLY - Please Refer to Maquat 86-MR (EPA Registration Number: 10324-174) or Maquat 615-MR (EPA Registration Number: 10324-169)**

### **WATER/SMOKE DAMAGE RESTORATION**

*(Not applicable in California)*

It is not advisable to clean and reuse carpet from a heavily infected mold problem. Carpet and padding that is involved in a mold remediation project should be removed and discarded according to federal, state and local laws.

Effective against odor causing bacteria and fungi for home and industrial use. This product is particularly suitable for use in water damage restoration situations against odor causing bacteria on the following porous and semi-porous materials: carpets, carpet cushion, sub floors, drywall, trim, frame lumber, tackless strip and paneling. Saturate affected materials with enough undiluted product to remain wet for at least 10 minutes. Use proper ventilation.

**SEWER BACKUP & RIVER FLOODING** *(Not for use in California)*: During mitigation procedures, remove gross filth or heavy soil along with non-salvageable materials. Saturate all affected areas with a sprayer using a coarse spray tip before and after cleaning and extraction.

**CARPETS, CARPET CUSHIONS AND OTHER POROUS MATERIALS SUCH AS SUB FLOORS, DRYWALL, TRIM AND FRAME LUMBER, TACKLESS STRIP AND PANELING** *(Not Applicable in California)*: For water damage from a clean water source, extract excess water. Test hidden area for colorfastness. Remove gross filth or heavy soil. Apply directly with a sprayer using a coarse spray tip, to fully saturate affected materials. Roll, brush or agitate into materials and allow the materials to remain damp for 10 minutes. Follow with a through extraction. Dry rapidly and thoroughly.

**SPECIAL INSTRUCTIONS FOR CLEANING CARPET AGAINST ODOR CAUSING BACTERIA** *(Not Applicable in California)*: This product may be used in industrial, commercial and residential areas such as homes, motel & hotel chains, and schools. For use on wet cleanable synthetic fibers. Do not use on wool. Vacuum carpet thoroughly prior to cleaning. Test fabric for color fastness.

Do not mix this product with other cleaning products. Follow the cleaning procedures specified by the manufacturer of the cleaning equipment. After using this product, set the carpet pile and protect the carpet from furniture legs and bases while drying. Do not over wet. If applied to stain resistant nylon carpet, apply a fabric protector according to the carpet manufacturer's directions.

#### **CARPET DEODORIZER AGAINST ODOR-CAUSING BACTERIA FOR HOME AND INDUSTRIAL USE** *(Not for use in California)*

This product cleans and deodorizes the carpet by controlling/reducing the growth of odor-causing bacteria. It can be used in industrial, commercial and residential areas such as homes, motels and hotel chains.

Vacuum carpet thoroughly prior to application. Follow the Injection and/or Extraction procedures as specified for any conventional steam cleaning equipment you are using. For rotary floor machines, spray on carpet at a rate of 300-500 sq. ft. per gallon.

For use (Use this product) on washable synthetic fibers. Do not use on wool. Test color fastness of carpet before use. Apply undiluted product to a small concealed spot, then rub with a clean white cloth. If color changes or transfers to cloth, a water-based product should not be used.

After using the product, set carpet pile in one direction with a stiff brush. Place aluminum foil under the legs of furniture while carpet is drying. Over-wetting can cause carpet to shrink. Manufacturer assumes no responsibility for over-wetting misuse.

**Note:** This product must not be mixed with other cleaning products.

**SMOKE DAMAGE RESTORATION** *(Not for use in California)*: Effective against odor causing bacteria and fungi for home and industrial use. This product is particularly suitable for use in smoke damage restoration situations against odor causing bacteria on the following porous and semi-porous materials: carpets, carpet cushion, sub floors, drywall, trim, and frame lumber, tackless strip and paneling. Follow directions as outlined in the Water Damage Restoration section. Saturate affected materials with enough product to remain wet for at least 10 minutes. Use proper ventilation.

### **CLEANING and DEODORIZATION**

**GENERAL CLEANING/DEODORIZATION:** To clean and/or deodorize hard non-porous surfaces such as glass, metal, stainless steel, glazed porcelain, glazed ceramic, sealed granite, sealed marble, plastic, slate, and vinyl, apply this product (undiluted solution) with a cloth, mop, sponge or mechanical spray device. When applied with a mechanical spray device, surfaces must be sprayed until thoroughly wetted. For sprayer applications, use a coarse pump or trigger sprayer. Spray 6-8 inches from surface. Rub with brush, sponge or cloth. For deodorization, treated surfaces must remain wet for 10 minutes. Excess material should be wiped up or allowed to air dry. Do not breathe spray.

**Note:** With spray applications, cover or remove all food products. Prepare a fresh solution at least daily or when use solution becomes visibly dirty. For heavily soiled areas, a preliminary cleaning is required.

#### **SANITATION of EXTERIOR HOUSEHOLD SURFACES DIRECTIONS**

**Preparation of Use Solution:** Apply this product to clean hard, non-porous exterior surfaces such as vinyl, plastic, sealed concrete, painted or sealed woodwork, and sealed stucco. Surfaces to be treated include house siding, decks, patios, walkways and driveways.

**Application:** Apply this product with a mop, cloth, sponge, hand pump trigger sprayer, or with a low-pressure (less than 60 psi) airless sprayer so as to wet all surfaces thoroughly. Treated surfaces must remain wet for 3 minutes. Wearing suitable respiratory

protective equipment to control exposure to spray, pressure wash surfaces to thoroughly clean all treated areas using a high-pressure spray. Do not breathe spray. One-half gallon of product will treat 400-600 sq ft of surface. User must wear protective eyewear as well as respiratory protective equipment.