



THEOCHEM LABORATORIES, INC.

"Solutions for a Cleaner World"™

MOLDSTAT PLUS®

**Disinfectant, Cleaner, Mildewstat, Fungicide, Virucide* for Hospitals, Nursing Homes, Home, Institutional, Industrial and School.
Cleans, Disinfects and Deodorizes Surfaces by Killing Odor Causing Microorganisms and Mold and Mildew.**

ACTIVE INGREDIENTS:

Octyl Decyl Dimethyl Ammonium Chloride	6.510%
Didecyl Dimethyl Ammonium Chloride	3.255%
Diocetyl Dimethyl Ammonium Chloride	3.255%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride	8.680%
INERT INGREDIENTS	78.300%
TOTAL	100.000%

EPA Reg. No. 10324-72-9367 EPA Est. No. 9367-FL-1

This product can be used on hard, non-porous, inanimate, surfaces such as: Kitchen equipment such as trash compactors, counters, countertops, countertop laminates, stoves, stovetops, sinks, tub surfaces, and exterior surfaces of appliances, refrigerators, microwave ovens, shelves, racks and carts.

This product has been formulated to aid in the reduction of cross-contamination on treated surfaces not only in hospitals, but also in schools, institutions and industry.

This product is a concentrated Hospital Use disinfectant that is effective against a broad-spectrum of bacteria, is fungicidal, and eliminates odor causing bacteria when used as directed.

When used as directed, this product will deodorize surfaces in restroom and toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.

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

This product inhibits bacterial growth on moist surfaces and deodorizes by killing microorganisms that cause offensive odors.

This product is effective at controlling mold and mildew on shower curtains.

This product cleans, shines, deodorizes and disinfects all hard non-porous, household surfaces listed on the label. It inhibits the growth of mold and mildew, leaving bathrooms and kitchens clean and fresh smelling.

This product is an effective fungicide against Trichophyton mentagrophytes, the athlete's foot fungus, when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities.

DIRECTIONS FOR USE

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

DISINFECTION IN INSTITUTIONS (Hospitals, Dental Offices, Nursing Homes, and Other Health Care Institutions) AND NON-MEDICAL FACILITIES (Households, Schools, Restaurants, Food Services, Beverage, Food Processing Plants and Other Non-Medical Facilities): At 1/2 fluid ounce per gallon of water and a 10-minute contact time, this product is effective against the following organisms on hard non-porous inanimate surfaces: Burkholderia cepacia, Campylobacter jejuni, Corynebacterium ammoniagenes, Enterobacter aerogenes, Enterobacteriaceae with extended beta-lactamase resistance, Enterobacter cloacae, Enterococcus faecalis, Enterococcus faecium Vancomycin resistant, Escherichia coli, Escherichia coli Antibiotic resistant, Escherichia coli 0157:H7, Klebsiella pneumoniae, Klebsiella pneumoniae Antibiotic resistant, Legionella pneumophila, Listeria monocytogenes, Proteus mirabilis, Proteus vulgaris, Pseudomonas aeruginosa, Pseudomonas aeruginosa Antibiotic resistant, Salmonella enterica, Salmonella schottmuelleri, Salmonella typhi, Serratia marcescens, Shigella dysenteriae, Shigella flexneri, Shigella sonnei, Staphylococcus aureus, Community Acquired Methicillin Resistant Staphylococcus aureus CA MRSA, Staphylococcus aureus Methicillin resistant, Staphylococcus epidermidis Antibiotic resistant, Streptococcus pyogenes, Vibrio cholerae

***VIRUCIDAL PERFORMANCE:** At 1/2 ounce per gallon of water use level, and a 10-minute contact time, this product was evaluated and found to be effective, in the presence of 5% blood serum, against the following viruses on hard, non-porous surfaces: Avian Influenza A/Turkey/Wisconsin virus, Avian influenza A virus H5N1, Herpes Simplex Type 1 virus, Herpes Simplex Type 2 virus, Human Coronavirus, Influenza A/Brazil Virus, Influenza A H1N1 virus, Respiratory syncytial virus, Vaccinia virus.

FUNGICIDAL ACTIVITY: At 3/4 ounces per gallon use-level and a 10-minute contact time, this product is effective against the following organisms: Candida albicans, Trichophyton mentagrophytes - Athlete's foot fungus/a cause of Ringworm.

PREPARATION OF DISINFECTION/FUNGICIDAL USE SOLUTION: For use with water hardness up to 400 ppm. Before using this product, food products and packaging materials must be removed from the room or carefully protected. Apply 1/2 ounce of this product per gallon of water use solution to disinfect hard, inanimate, non-porous surfaces. Apply this product with a brush, cloth, mop, sponge or mechanical spray device, thoroughly wetting surfaces as required. For heavily soiled areas, a preliminary cleaning is required. For sprayer applications, use a coarse pump or trigger spray device. Spray 6-8 inches from surface. Do not breathe spray. Rub with brush, sponge, mop or cloth. Treated surfaces must remain wet for 10 minutes. Rinse or allow to air dry. Rinsing is not necessary unless floors are to be coated with finish or restorer. Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Do not use this product to clean or disinfect utensils, glassware, dishes or interior surfaces of appliances. Prepare a fresh solution at least daily or when use solution becomes visibly dirty. **Note:** With spray applications cover or remove all food products.

PRODUCT #100352 (MOLTSTAT PLUS®)

100352/0412/ rev4

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***FOR DISINFECTING HARD, NON-POROUS SURFACES AGAINST AVIAN INFLUENZA A VIRUS:** For use in homes, hospitals, hotels, motels and schools, the directions for use for hospital disinfection must be followed using the rate of 1/2 ounce per gallon of water.

This product is not for use on Medical device surfaces.

HOSPITALS, DENTAL OFFICES, NURSING HOMES AND OTHER HEALTH CARE INSTITUTIONS: For disinfecting floors, walls, countertops, bathing areas, lavatories, tables, chairs, garbage pails and other hard, non-porous surfaces.

INSTITUTIONAL DISINFECTANT DIRECTIONS (Hospitals, Dental Offices, Nursing Homes, and Other Health Care Institutions): For heavily soiled areas, a preliminary cleaning is required. Add 1/2 ounce per gallon of water and apply to disinfect hard, non-porous surfaces. Apply use solution to hard, inanimate, non-porous surfaces thoroughly wetting surfaces with a brush, cloth, mop, sponge or mechanical spray device. For sprayer applications, use a coarse spray device. Spray 6-8 inches from surface. Rub with brush, sponge, mop or cloth. Do not breathe spray. Treated surfaces must remain wet for 10 minutes. Rinse or allow to air dry. Prepare a fresh solution at least daily or when use solution becomes visibly dirty. **Note:** With spray applications cover or remove all food products.

NON-ACID TOILET BOWL AND URINAL DISINFECTANT/CLEANER DIRECTIONS FROM CONCENTRATE: Remove gross filth prior to disinfection. Add 1/2 ounce of this product directly into the toilet bowl and mix. Brush thoroughly over exposed surfaces and under the rim with a brush, cloth, mop, or sponge or mechanical spray device. Repeat and allow solution to stand for 10 minutes and flush.

PREPARATION OF USE SOLUTION: Mix 1/2 oz. of this product with one gallon of water. **DISINFECTION AND CLEANING TOILET BOWLS AND URINALS:** 1. Preliminary cleaning is required for heavily soiled surfaces. 2. With a swab mop applicator, remove water from bowl by forcing out trap. 3. Press swab mop against side of bowl to remove excess water from applicator. 4. Apply 4-6 ounces of use solution evenly onto surface to be cleaned and disinfected. 5. Swab entire surface area especially under the rim where outlets are located. 6. Allow this product to remain wet on surfaces at least 10 minutes. 7. Flush toilet and rinse applicator thoroughly. 8. Refill bowl with water.

MOLD AND MILDEW CONTROL DIRECTIONS: This product controls the growth of mold and mildew *Aspergillus niger* and their odors on hard, non-porous surfaces. To control the growth of mold and mildew and their odors on hard, non-porous surfaces, apply use solution of 1/2 ounce per one gallon of water. Thoroughly wet all treated surfaces completely. Allow surface to remain wet for ten minutes. Let surface air dry. Repeat application weekly or when growth or odor reappears.

WATER/SMOKE DAMAGE RESTORATION: Effective against odor caused by water or smoke for home, institutional, industrial and hospital use. This product is particularly suitable for use in water damage restoration situations against odor caused by water 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 product to remain wet for at least 10 minutes. Use proper ventilation.

SMOKE DAMAGE RESTORATION: Effective for home, institutional, industrial and hospital use against odor caused by smoke. This product is particularly suitable for use in smoke damage restoration situations against odor caused by smoke 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.

SEWER BACKUP & RIVER FLOODING: During mitigation procedures, remove gross filth or heavy soil along with non-salvageable materials. To rid affected area of odors caused by sewer backup and river flooding, dilute 1/2 to 1 ounce of this product per gallon of water allowing for the diluting effect of absorbed water within saturated 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: Effective against odor caused by water damage. For water damage from a clean water source, extract excess water. Test hidden area for colorfastness. Dilute 1/2 to 1 ounce of the product per gallon of water, allowing for the diluting effect of absorbed water within saturated materials. 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 thorough extraction. Dry rapidly and thoroughly.

SPECIAL INSTRUCTIONS FOR CLEANING CARPET AGAINST ODORS CAUSED BY BACTERIA: This product can be used to deodorize carpets in industrial and institutional, commercial and residential areas such as homes, motel & hotel chains, nursing homes, schools and hospitals. For use on wet, cleanable synthetic fibers. Do not use on wool. Vacuum carpet thoroughly prior to cleaning. Test fabric for color fastness.

For Portable Extraction Units: Mix 1/2 ounce of this product per gallon of water.

For Truck Mounted Extraction Machines: Mix 6 ounces of the product per gallon of water and meter at 4 gallons per hour.

For Rotary Floor Machines: Mix 1 ounce of this product per gallon of water and apply at the rate of 300-500 sq. ft. per gallon. 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 CLEANING/DEODORIZER AGAINST ODOR CAUSED BY BACTERIA, FOR HOME, INSTITUTIONAL, INDUSTRIAL AND HOSPITAL USE: This product cleans and deodorizes the carpet by eliminating odors caused by bacteria. It can be used in industrial and institutional, commercial and residential areas such as homes, motels, hotel chains, nursing homes and hospitals. Vacuum carpet thoroughly prior to application. Mix 1/2 ounce of product per gallon of water. Follow the injection and/or extraction procedures as specified for any conventional steam cleaning equipment you are using. For rotary floor machines, mix 1 ounce per gallon of water and spray on carpet at a rate of 300-500 sq. ft. per gallon. Use this product on washable synthetic fibers. Do not use on wool. Test color fastness of carpet before use. Apply diluted product to a small, concealed spot, then rub with a clean white cloth. If color changes or transfers to the cloth, a water-based product must 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.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER. Keep Out of Reach of Children. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if absorbed through the skin. Harmful if swallowed. Harmful if inhaled. Avoid breathing spray mist. Do not get into eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not mix with oxidizers, anionic soaps and detergents.

STORAGE AND DISPOSAL

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

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 rinsate. Triple rinse. After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. 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: Triple rinse container promptly after emptying. Triple rinse as follows: Fill the container 1/4 full with water and recap. Shake for 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.