

# MOLDSTAT™ STEP 2

## MOLD & MILDEW

### DISINFECTANT

#### KILLS BACTERIA AND VIRUSES



#### ACTIVE INGREDIENTS:

Alkyl (50% C<sub>14</sub>, 40% C<sub>12</sub>, 10% C<sub>16</sub>)

Dimethyl Benzyl Ammonium Chloride .....8.68%

Octyl Decyl Dimethyl Ammonium Chloride .....6.50%

Didecyl Dimethyl Ammonium Chloride .....3.26%

Diocetyl Dimethyl Ammonium Chloride .....3.26%

**OTHER INGREDIENTS:** .....78.30%

**TOTAL:** .....100.00%

EPA Reg. No. 10324-72-9367

EPA Est. No. 9367-FL-1

#### PRODUCT INFORMATION:

- Cleans, disinfects and deodorizes surfaces by killing odor causing microorganisms and mold and mildew.
- Concentrated, Fungicide, Mildewstat, Virucide\*, and Disinfectant.
- Contains no abrasives, bleach or harsh acids.

pH ..... 12.0 - 13.0

Form ..... Liquid

Fragrance ..... Aromatic

Color ..... Light Green

Packaged ..... 1 quart, 1 gallon & 5 gallons

This product is a one-step disinfectant cleaner and deodorant designed for disinfecting and controlling mold and mildew on hard, non-porous surfaces. It is specially formulated to effectively eliminate offensive odors caused by mold and mildew. This product can be used on hard, non-porous surfaces such as kitchen equipment, trash compactors, counters, countertop laminates, countertops, stovetops, stoves, sinks, tub surfaces, shelves, racks and carts & exterior surfaces of appliances, exhaust fans, drain pans of air conditioning and refrigeration equipment, refrigerators, microwave ovens, sealed foundations, finished woodwork, windowsills, steps, tables, chairs, plastic, finished woodwork, vinyl & plastic upholstery, painted surfaces, glass & metal surfaces. This product is a concentrated Hospital Use disinfectant that is effective against a broad-spectrum of bacteria, is virucidal\*, and fungicidal, and eliminates odor causing bacteria 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 inhibits bacterial growth on moist surfaces and deodorizes by killing microorganisms that cause offensive odors. (Not for use in California.) This product is effective at controlling mold and mildew on shower curtains. 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.

**DISINFECTION PERFORMANCE IN INSTITUTIONS (Hospitals, Dental Offices, Nursing Homes, and Other Health Care Institutions) AND NON-MEDICAL FACILITIES:** This product kills the following bacteria in 10 minutes at 0.5 oz. per gallon of water (850 ppm active) in 400 ppm hard water, 5% soil on hard, non-porous 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 O157: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, Staphylococcus aureus (CA MRSA) (Community Acquired Methicillin Resistant), Staphylococcus aureus (Methicillin resistant), Staphylococcus epidermidis (Antibiotic resistant), Streptococcus pyogenes, Vibrio cholerae.

#### IMPORTANT SAFETY INFORMATION:

##### ANGER

**KEEP OUT OF REACH OF CHILDREN**

##### FIRST AID

In case of emergency, call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**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.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**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.

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

**EMERGENCY RESPONSE NUMBER Provided by ChemTel Inc. 1-800-255-3924**



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SOLUTIONS FOR A CLEANER WORLD™



100352-0117v1

**VIROCIDAL\* PERFORMANCE:** This product kills the following viruses in 10 minutes at 0.5 oz. per gallon of water (850 ppm active) in 400 ppm hard water, 5% soil 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 Virus (H1N1), Respiratory Syncytial Virus, Vaccinia Virus.

**FUNGISTATIC PERFORMANCE:** This product kills the following fungi in 10 minutes at 0.75 oz. per gallon of water in 400 ppm hard water, 5% soil on hard, non-porous surfaces: Candida albicans, Trichophyton mentagrophytes (Athlete's foot fungus) (a cause of Ringworm).

**MILDEWSTATIC PERFORMANCE:** This product controls the following mold in 10 minutes at 0.5 oz. per gallon of water in 400 ppm hard water, 5% soil on hard non-porous surfaces: Aspergillus niger.

## DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is not for use on medical device surfaces.

Use	Dilution	Contact Time
For General or Broad Spectrum claims	0.5 oz./ gal. water	10 minutes
For Fungicidal claims	0.75 oz./ gal. water	10 minutes
For Mold and Mildew	0.5 oz./ gal. water	10 minutes

### FOR USE AS A GENERAL, HOSPITAL, MEDICAL DISINFECTANT/VIROCIDAL\*, CLEANER:

1. Pre-clean heavily soiled areas.
2. Apply use solution of 0.5 oz. of this product per gal. of water (or equivalent use dilution) to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, mechanical spray device, coarse pump or trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray.
3. Treated surfaces must remain wet for 10 minutes.
4. Allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished.
5. Prepare a fresh solution daily or when visibly dirty.

**TO KILL FUNGI:** Pre-clean heavily soiled areas. Prepare use solution by adding 0.75 oz. of this product per gal. of water (or equivalent use dilution). Apply use solution to hard, non-porous surfaces. Allow surface to remain wet for 10 minutes. Wipe surfaces (and let air dry).

**TO CONTROL MOLD/MILDEW:** Prepare use solution by adding 0.5 oz. of this product per gal. of water (or equivalent use dilution). Apply use solution to pre-cleaned hard, non-porous surfaces for 10 minutes which will effectively inhibit the growth of mold and mildew and their odors. Repeat treatment every seven days, or more often if new growth appears.

**GENERAL DEODORIZATION:** To deodorize, apply 0.5 oz. of this product per gal. of water to hard, non-porous surfaces. Allow to air dry.

### CARPET CLEANING

**SPECIAL INSTRUCTIONS FOR CLEANING CARPETS:** This product can be used to clean carpets in industrial, 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 0.5 oz. of this product per gal. of water (or equivalent use dilution).

**For Truck Mounted Extraction Machines:** Mix 0.5 oz. of this product per gal. of water (or equivalent use dilution) and meter at 4 gal. per hour.

**For Rotary Floor Machines:** Mix 0.5 oz. of this product per gal. of water (or equivalent use dilution) and apply at the rate of 300-500 sq. ft. per gal. 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/DEODORIZING (Not for use in CA.) FOR HOME, INSTITUTIONAL, INDUSTRIAL AND HOSPITAL USE:** This product cleans and deodorizes the carpet. It can be used in industrial, institutional, commercial and residential areas such as homes, motels, hotel chains, nursing homes and hospitals. Vacuum carpet thoroughly prior to application. Mix 0.5 oz. of this product per gal. of water (or equivalent use dilution). Follow the injection and/or extraction procedures as specified for any conventional steam cleaning equipment you are using. For rotary floor machines, mix 1 oz. of this product per gal. of water and spray on carpet at a rate of 300-500 sq. ft. per gal. 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.

**SEWER BACKUP & RIVER FLOODING:** To use as a deodorizer, dilute 0.5 to 1 oz. of this product per gal. of water allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil along with non-salvageable materials. Saturate all affected areas with a mechanical spray device, coarse pump or trigger spray device before and after cleaning and extraction. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Use proper ventilation; open windows. (Not for use in CA.)

**CARPETS, CARPET CUSHIONS, UPHOLSTERY, DRAPES AND OTHER POROUS MATERIALS, SUB FLOORS, DRYWALL, TRIM AND FRAME LUMBER, TACKLESS STRIP AND PANELING:** To use as a deodorizer against water damage, extract the excess water. Test hidden area for colorfastness. Dilute 0.5 to 1 oz. of this product per gal. of water, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil. Apply directly with a mechanical spray device or coarse pump or trigger spray device to fully saturate affected materials. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Roll, brush or agitate into materials. Follow with a thorough extraction. Dry rapidly and thoroughly. (Not for use in CA.)

**WATER AND SMOKE DAMAGE RESTORATION:** Effective against odor caused by smoke and water damage for home, institutional, industrial and hospital use. This product is particularly suitable for use in water damage restoration. Dilute 0.5 to 1 oz. of this product per gal. of water, allowing for the diluting effect of absorbed water within saturated materials. Saturate affected materials with enough product to remain wet for at least 10 minutes. Use proper ventilation. (Not for use in CA.)

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Do not get in 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, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store only in original container. 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:** Non-Refillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.