

ANASPHERE PLUS™

Disinfectant/Fungicide/Mildewstat & Virucide

Product Data Sheet

EPA Reg. No 61178-1-72786

Product Description: Anasphere Plus™ is an EPA-registered disinfectant, fungicide, mildewstat and virucide designed for many applications, including but not limited to: mold remediation. Anasphere Plus™, a hospital grade disinfectant, can be used in many areas where disinfecting and cleaning are a priority. Anasphere Plus™ is an economical concentrated formula that can be used with a mop and bucket, trigger sprayers, (or) sponge, or by soaking, low-pressure sprayers and fogging (wet misting) systems. Anasphere Plus™ is a supreme concentrated quaternary ammonium chloride blended formula that yields up to 16 gallons of ready-to-use product from every quart of concentrate. Anasphere Plus™ is effective in the presence of a 98% soil load and remains effective in hard water up to 791 ppm. Anasphere Plus™ has 141 organism kill claims, including but not limited to: Aspergillus niger, Penicillium spinulosum, Ulocladium sp., Escherichia coli, HIV-1, Salmonella, Herpes Simplex type 1 and type 1 virus, Hepatitis B and C virus, Poliovirus type 1, and Norovirus to name a few of the many other pathogenic and environmental microbial organisms. Think of Anasphere Plus™ as a Vaccine for the Surface.

Application Information (For complete instructions, please see Anasphere Plus™ Booklet of Directions for Use)

Water Damage Restoration: (Not for use in California)

Anasphere Plus™ is Effective against odor causing bacteria and fungi for home, institutional, industrial and hospital 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, and frame lumber, tackless strip and paneling. Using solutions recommended, saturate affected materials with enough product to remain wet for at least 10 minutes. Use proper ventilation.

Sewer backup & river flooding: During mitigation procedures, dilute 2 to 4 ounces of Anasphere Plus™ per gallon 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 affective areas with a sprayer using a coarse spray tip, before and after cleaning and extraction.

Disinfection:

For water hardness up to 300 ppm add 2 ounces of Anasphere Plus™ per gallon of water (1:64) to disinfect hard, non porous surfaces [Glass, metal, stainless steel, glazed porce-lain, glazed ceramic, granite, marble, plastic (such as polystyrene or polypropylene), sealed limestone, sealed slate, sealed stone, sealed terra cotta, sealed terrazzo, chrome and vinyl). Remove gross filth or heavy soil. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, mop, sponge, hand pump trigger sprayer or other mechanical sprayer devices. Treated surfaces must remain wet for 10 minutes. Let air dry. Prepare a fresh solution for each use. Anasphere Plus™ is effective in hard water up to 300 ppm hardness. This product is a Hospital Use Disinfectant at 2 ounces per gallon, (1:64 dilution), modified in the presence of 300 ppm hard water (calculated as CaCO3) and in the presence of organic soil (5% blood serum) for a contact time of 10 minutes.

Fungicide:

At 2 ounces per gallon use-level, (or equivalent use dilution) Anasphere Plus™ is effective against the pathogenic fungus *Trichophyton mentagrophytes* on inanimate surfaces in the presence of 5% organic soil load and 300 ppm water hardness as CaCO3 in locker rooms, dressing rooms, shower and bath areas and exercise facilities. Contact time – 10 minutes. This product, in the presence of a ~ 100% organic soil load, diluted 1:64 (2 ounces per gallon) in 395 ppm Hard Water, demonstrated efficacy within 10 minutes against the following pathogenic fungus: *Trichophyton mentagrophytes*. Note that the organism referenced in the previous statement is not associated with blood spills. For blood spills, the surface must be thoroughly cleaned before applying this product.

Virucidal:

When used on inanimate, hard, non-porous, environmental surfaces at 2 ounces per gallon of water for a 10 minute contact time (5% organic soil), except for Poliovirus type 1 (Chat strain) which requires a 30 minute contact time (5% organic soil) and HIV-1 which requires only a 30 second contact time. This product, in the presence of a 98 % organic soil load, diluted 1:64 (2 ounces per gallon) in 400 ppm Hard Water, demonstrated efficacy within 10 minutes against the following virus: *Human Coronavirus*. Note that the organism referenced in the above statement is not associated with blood spills. For blood spills, the surface must be thoroughly cleaned before applying this product.

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT – FIRST AID

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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional medical advice, call the following emergency phone number: 800-262-8200.

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



Anasphere Plus™ is NOT FOR USE ON CPVC Piping and Fittings

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ACTIVE INGREDIENTS

Alkyl (60% C14, 30% C16, 5% C12, 5% C18)
dimethyl benzyl ammonium chloride2.37%

Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride2.37%

INERT INGREDIENTS..... 95.26%

TOTAL..... 100.00%

PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Odor: Mild, Pleasant

Color: Clear

pH: 11.5 to 12.5

Flash Point and Method: NA = Not Applicable

Flammable Limits: NA = Not Applicable

Vapor Pressure: 20

Vapor Density: ~1

Boiling Point: 212° F; 100° C

Solubility in Water: Complete

Evaporation Rate: ~1

Density: 8.66

Specific Gravity: 1.039 grams/ml.

Viscosity: Water thin