

fusion **Orchid**

multi surface cleaner + disinfectant



EPA Registration Number 1839-95-84179

fusion series is our line of housekeeping products designed to be easy to use, efficient and safe. From state-of-the-art dispensing solutions to clear, simple color-named packaging, we've created fusion products in ways that make housekeeping a pleasure.

Orchid is a phosphate free formulation designed to provide effective cleaning, deodorization, and disinfection specifically for hospitals, nursing homes, colleges, food processing plants, food service establishments, office buildings, hotels and lodging establishments where housekeeping is of prime importance in controlling cross contamination.

features

- Concentrated – For most applications, effective at 1 to 64 dilution (2 oz. per gallon).
- An excellent all-around cleaner while simultaneously disinfecting.
- Powerful bactericide and virucide at 2 oz. per gallon – see attached list for impressive list of bacteria and viruses Orchid effective against.
- Leaves behind a unique uplifting lavender scent.
- Excellent on all floors including standard commercial vinyl tiles (VCT).

optimal applications Floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, vanity tops, shower stalls, bathtubs, and cabinets.

ideal for Nursing homes, hospitals, schools, restaurants, institutional kitchens, food service establishments, ambulances, doctor's offices.



environmentally preferred
green cove™
Biodegradable
Non-Toxic
Phosphorous free

This product meets our Green Cove standard. **Environmentally Preferred Green Cove** products reflect our commitment to protect the environment, operate in a sustainable fashion and deliver products that make a difference for our planet and our customers every day.

product specifications

Physical Description	Clear Liquid
Viscosity	Water Thin
Color	Purple
Flashpoint	None
Fragrance	Lavender
Weight per Gallon	8.55 lb / gal
pH	10.0 - 12.0
Storage Stability	1 year minimum
D.O.T. Shipping label	Corrosive



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organism list

Disinfection: To disinfect inanimate, hard, non-porous surfaces add 2 ounces of Orchid per gallon of water. Apply solution with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

To disinfect food processing premises: Before using this product, food products and packaging materials must be removed from the area or carefully protected. For floors, walls, and storage areas, add 2 ounces of Orchid per gallon of water. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. After use, all surfaces in the area must be thoroughly rinsed with potable water.

To disinfect food service establishment food contact surfaces: Before using this product, food products and packaging materials must be removed from the area or carefully protected. For countertops, appliances, tables, add 2 ounces of Orchid per gallon of water. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow the surface to remain wet for 10 minutes, then remove excess liquid and rinse the surface with potable water. This product cannot be used to clean the following food contact surfaces: utensils, glassware and dishes.

Bactericidal Activity: When diluted at the rate of 2 ounces per gallon of water, Orchid exhibits effective, one-step disinfectant activity against the organisms: *Pseudomonas aeruginosa* PRD 10, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Salmonella enterica*, *Streptococcus salivarius*, *Brevibacterium ammoniagenes*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes*, *Staphylococcus aureus*, Methicillin resistant *Staphylococcus aureus* (MRSA), Vancomycin intermediate resistant *Staphylococcus aureus* (VISA), *Streptococcus pyogenes* (Clinical-Flesh Eating Strain BIRD M3) and *Klebsiella pneumoniae* New Delhi Metallo-Beta Lactamase (NDM-1) Carbapenem Resistant, *Acinetobacter baumannii*, *Enterococcus faecium*, Vancomycin resistant *Enterococcus faecalis* (VRE) and meets all requirements for hospital use.

Fungicidal Activity: At the 2 ounces per gallon dilution, Orchid is also fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes* (causative agent of Athlete's Foot Fungus) (a cause of ringworm of the foot), when used as directed on hard surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean, hard, non-porous, surfaces commonly contacted by bare feet. Follow the Disinfection directions.

***virucidal Activity:** Orchid, when used on environmental, inanimate, hard, non-porous surfaces at 2 ounces per gallon of water, exhibits effective virucidal activity against Influenza A2/Japan (representative of the common flu virus), Herpes Simplex Type 1 (causative agent of fever blisters), Adenovirus Type 2 (causative agent of upper respiratory infections), Vaccinia virus (representative of the Pox virus group), Human Coronavirus (ATCC VR-740, Strain 229E), Human Immunodeficiency Virus Type I (HIV 1), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), Norovirus (Norwalk Virus), Bovine Viral Diarrhea Virus (BVDV), Feline calicivirus (FCV), SARS Associated Coronavirus, Porcine Respiratory & Reproductive Syndrome Virus (PRRSV) (Strain NVSL) and Avian Influenza A. Follow the Disinfection directions. Kills HIV-1, HBV and HCV On Pre-cleaned Environmental Surfaces/objects Previously Soiled With Blood/body Fluids in health care settings (Hospitals, Nursing Homes) or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV). Special Instructions For Cleaning And Decontamination Against HIV-1, HBV and HCV On Surfaces/objects Soiled With Blood/body Fluids. Personal Protection: When handling items soiled with blood or body fluids, use disposable latex gloves, gowns, masks, and eye coverings. Cleaning Procedures: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of Orchid. Contact Time: Allow surface to remain wet for 10 minutes.

Deodorization: To deodorize, apply Orchid as indicated under the heading DISINFECTION.