

# TURFDEFENDER- MICROBESHIELD 111

## EPA REGISTERED FOR LONG TERM MICROBIAL PROTECTION OF SYNTHETIC TURF FIELDS.

EPA registered, USDA approved, non-toxic, odorless, safe, patented product for long term effective microbial protection. Easy to apply. Once dry it adheres to all substrates including synthetic turf / artificial grass plastic filaments and forms a bed of microscopic positively charged needle spikes that attract the negatively charged microbes, piercing their cell walls with the microscopic needles and killing them. Use as long-term effective control of viruses, bacteria, mold, mildew, spores, germs, odor, on all types of non-porous substrates.

*Quart bottles, Gallon bottles, Five-gallon buckets.*

**MICROBESHIELD 111** is odorless, water-based, safe, non-toxic to the applicator and the environment, **provides long term protection against microbes, germs, bacteria, and viruses.** Once dry the unique chemistry of this product form a microscopic coating that adheres to almost any surface and also forms a bed of microscopic positively charged spikes that attracts the negatively charged microbes and then pierces their cell walls, killing a wide array of Germs, Bacteria, Mold, Algae, Mildew, Yeast and odor causing organisms. **It does not leave any soap scum or residue. It does not wash off and its efficacy is not reduced by any kind of bleaching mechanism.** It provides antimicrobial protection for a minimum of ninety (90) days. Before application of MicrobeShield 111 all surfaces must be cleaned, de-greased, disinfected with either TurfDefender Cleaner 42 or Disinfectant 44. **MICROBESHIELD 111 is a concentrated product. Dilute 1 gallon of product with 4 gallons of water.** 16 ounces will over 200 square feet, 1 gallon will cover 1500 square feet, 5 gallons will cover 7500 square feet. To protect a regulation size Football field 10 gallons of MICROBESHIELD 111 concentrate are required. During application follow label instructions. Use pump up sprayer or ride on spray equipment. Apply a consistent uniform thickness spray pattern. Being water-based it will dry in about 5 minutes.

- **EPA registered, USDA approved, patented chemistry to control microbe, virus, bacteria growth.**
- Safe, water-based, non-toxic, effective.
- Kills 99% of Germs, Virus, Bacteria, Mold, Mildew for at least 90 days.
- Safe for use on synthetic turf, artificial grass athletic sports fields.
- **10 gallons of MICROBESHIELD 111 concentrate will protect 1 regulation size synthetic turf football field.**
- Effective on floors, walls, sports gear fabrics, sports equipment, locker rooms, bathroom showers.
- Once dry the microscopic germicidal film will not wash-off wear off for a long time
- Dry film will provide antimicrobial protection " MICROBESHIELD " for at least 90 days.