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Modec's Decon Formula (MDF) is Commercially Manufactured using the Formula Licensed by



Sandia National Laboratories

MODEC MDF-500

ANTIBACTERIAL DISINFECTANT

FUNGICIDE · CLEANER · DEODORIZER

Modec's Decon Formula MDF-500 has been registered for use with the USEPA. Produced under license from Sandia National Laboratories, MDF-500 incorporates patented technologies originally developed to counter chemical and biological warfare toxants.

BACTERICIDAL ACTIVITY - When used as directed **MDF-500** exhibits effective disinfectant activity against the organisms: *Staphylococcus aureus*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*, and meets the requirements for hospital use.

FUNGICIDAL ACTIVITY - **MDF-500** has been demonstrated to be fungicidal against fungal spores (*Trichophyton Mentagrophytes*).

REMEDICATION - As **MDF-500** is a disinfectant and neutralizing cleaner, it provides professionals with an unmatched remediation tool. It cleans and restore surfaces and areas affected by mold and its chemical metabolites. In addition, it is safe to use in virtually any indoor remediation application.

RESTORATION - **MDF-500** has been shown to be an effective cleaning agent for Microbial Volatile Organic Compounds [mVOC's] and mycotoxins, chemicals by-products that have been known to be allergenic. MDF-500 mitigates conditions caused by these metabolites of mold. MDF-500 can be used in exterior applications on porous surfaces to inhibit mold the growth of mold.



Modec Decon Formulation
Antibacterial Disinfectant and Cleaner

Cleaner · Mildewstat · Disinfectant · Deodorizer · Fungicide

1. Effective against pathogenic bacteria such as *staphylococcus aureus*, *Salmonella choleraesuis*, and *Pseudomonas aeruginosa*. Kills mold, mildew, and fungal spores (*Trichophyton mentagrophytes*).
2. Disinfects, deodorizes and cleans hard, non-porous surfaces such as floors, metal surfaces, stainless steel, porcelain, glazed ceramic tile, plastic, bathroom and cabinets. This product deodorizes areas prone to musty or foul odors like garbage cans, basements, and restrooms and from odors caused by microorganisms.
3. Controls mold and mildew on hard, non-porous surfaces, clean stains caused by mold and mildew growth. Retards mold regrowth on surfaces. Can be effectively used with ULV foggers. Can be used outside on cement, roofs and wood surfaces.
4. MDF-500 can be applied to clean and restore other affected surfaces such as cement, sidings, wood drywall, stucco, floors, stucco, walls, fences, decks, painted walls, metal surfaces, stainless steel, porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, cabinets, kitchen counters, sinks, appliances, terracotta, planters boxes, humidifier and air conditioner drain pans. Also can be used to deodorize water-damaged carpet.. Effective for treating smoke odors from fire, cigarettes, and cigars in home or car.
5. Effectively eliminates odors caused by microorganisms and the root causes of odor. Microbial Volatile Organic Compounds [mVOC's] often have strong and/or unpleasant odors, and can be the source of odors associated with molds. MDF-500 mitigates the odors caused by these metabolites of mold, including mycotoxins and microbial volatile organic chemicals, and allergens that may be caused by mycotoxins. Safe to use on a variety of surfaces and materials.
6. Combined with a sensible water intrusion remediation and moisture mitigation, MDF will provide surfaces that are mold, mildew, and fungus resistant. Periodic inspections for mold development, both inside and outside are recommended.
7. Determining the suitability of the product for any intended purpose shall be solely the responsibility of the user. There are no warranties, express or implied, including those of merchantability or fitness or particular purpose that extend beyond the description on the label.
8. Modec Decon Formula MDF-500 is registered with the US EPA under No's. 80346-1 (Part A) EPA REG. NO. 80346-2 (Part B) and manufactured in the USA at EPA EST. NO. 65001-CO-01. The Sandia Decon Formulation has received US. Patent No. 6,566,574 B1.

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