

Tech 21, L.L.C.

301 West Airline Hwy., Ste 100

Laplace, LA 70068

Ph: (985)651-2911

Toll Free: 1-800-950-9958

Email: info@tempcoat.com

LA State Licensed: No.33385

ELIMINATE MOLD AND TOXINS FROM YOUR HOME AND WORKPLACE BY UTILIZING THE MODEC DECON FORMULATION

EPA Registration No.'s 80346-1 and 80346-2

FEMA APPROVED

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

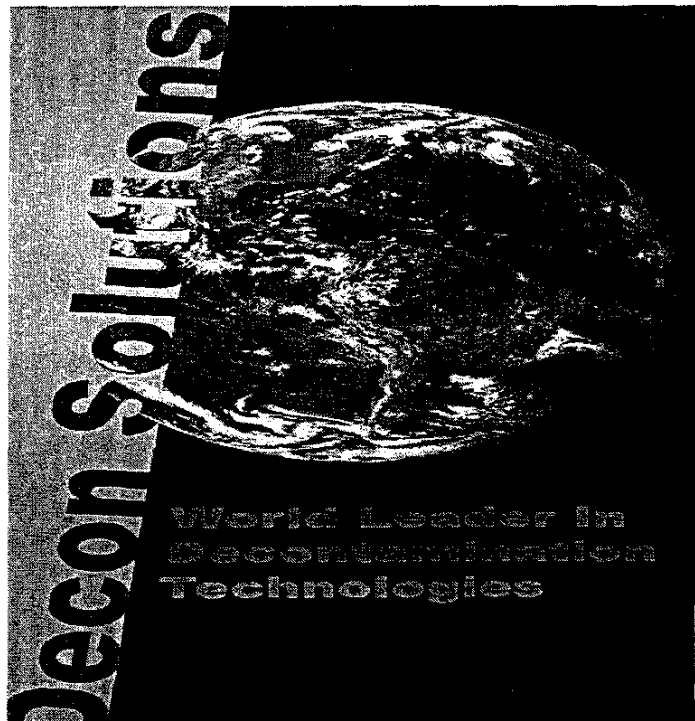
 Sandia National Laboratories

Approved for use in Cardinal Health System Facilities

MDF-500 FOGGING SYSTEM

**MDF500 FOGGING SYSTEM PENETRATES THE ENTIRE STRUCTUE
CAN ALSO BE UTILIZED TO TREAT AC SYSTEMS AND DUCTWORK**

- 100% SAFE PROCESS THAT DEACTIVATES MOLD, MOLD SPORES, HYPHA, MYCELIUM AND NEUTRALIZES MYCOTOXINS AND OTHER TOXIC COMPOUNDS
- EXHIBITS EFFECTIVE DISINFECTANT ACTIVITY AGAINST THE ORGANISMS: STAPHYLOCOCCUS AUREUS, SALMONELLA CHOLERAESUIS, PSEUDOMONAS AERUGINOSA, AND MEETS REQUIREMENTS FOR HOPITAL USE
- FOG DELIVERY CAN PENTRATRATE AREAS THAT CANNOT BE REACHED BY CONVENTIONAL DISSNEFECTANTS
- SAFE FOR USE AROUND ELECTRONIC EQUIPMENT
- CAN BE USED ON AIR CONDITIONING EQUIPMENT AND DUCTWORK
- NO IMPACT ON PAINTED SURFACES OR CEILINGS
- PROVIDES A NEUTRAL FRESH CLEAN ODOR
- BASED ON PATENT HELD BY US GOVERNMENT



MODEC Customers Include:

US Post Office

CIA

NAS

US Army

US Marines

Homeland Security

Cardinal Health System Facilities

- **MODEC Products have been produced since 1996**
- **MODEC MDF-500 carries a Hazard rating of 1 on a scale of 0 to 4. Common bleach carries a rating of 4**
- **MODEC MDF-500 kills mold and the mycotoxins mold produces**
- **MODEC MDF-500 destroys all known pathogens on surfaces fogged without destroying wood or other materials the fog contacts**
- **MODEC MDF-500 leaves no harmful residue of any kind and becomes completely inert after 8 hours**
- **MODEC products were developed for government and have a long successful history of destroying germs and bacteria such as anthrax**
- **MODEC MDF-500 is 1000 times less corrosive than bleach and many other products that claim to kill mold**
- **MODEC use does not require the handling of deadly or dangerous chemicals such as Lie, Phenol or Boric Acid nor does it require the mixing of powders that can be harmful**
- **Fogging system eliminates holidays and hard to reach areas**

MODEC MDF-500 IS THE RIGHT CHOICE

MDF-500 Mold Fog System

- *100% Safe Process that deactivates mold, mold spores, hypha, mycelium and neutralizes mycotoxins and other toxic compounds.*

- *Effective disinfectant activity against the organisms: staphylococcus aureus, salmonella choleraesuis, pseudomonas aeruginosa, and meets reqs. for hospital use.*

- *Carries a MSDS Hazard rating of 1 on the scale of 0 to 4. Common bleach carries a rating of 4*

- *Will not harm or degrade substrates to which it is applied like many other chemicals*

- *Safe for use around electronic equipment and computers*

- *Eliminates odors including smoke and chemical pollutants*

Eliminate

Mold, Toxins & Odors

With

MDF-500

Eliminate

Mold, Toxins & Odors

With

MDF-500

Who Needs This Product?

Homeowners

Building Owners

Hospitals

Schools

Restaurants

Facility Managers

Etc...

Contact Us:

Tech 21, LLC

301 West Airline Hwy Ste. 100

Ph: (985) 651-2911

Toll Free: 1-800-950-9958

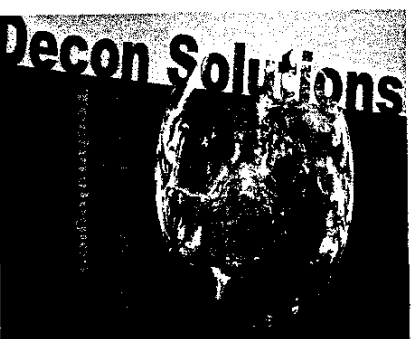
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MOLD FOG DECON
EPA Reg. #'s 80346-1 and 80346.
FEMA APPROVED

MODEC DECON FORMULATION
MDF-500 FOGGING SYSTEM
Eliminate Mold and Toxins

THE STANDARD FOR MOLD ELIMINATION



Moddec's Decon Formula (MDF) is Commercially Manufactured using the Formula Licensed by Sandia National Laboratories

Pre-treat Area To Protect Yourself and Workers!



Treat entire structure including AC systems and ductwork to kill mold and toxins!*



Tech 21 now has the revolutionary product MDF-500 available to you!

In the late 1990's, with the threat of WMD's on the rise, a U.S. Government Laboratory formulated a compound to combat the most dangerous toxic materials in the world. This decontamination has been available to the government, military and emergency first-responders, UNTIL NOW!

MDF 500 is non-toxic, non-corrosive, non-flammable and environmentally friendly. MDF-500 eliminates mold and mold toxins (mycotoxins) and mildew. MDF-500 decontaminates odors including smoke and tobacco odors and chemical pollutants.

- *Approved for use in Cardinal Health System Facilities*
- *Does not require handling*

**MODEC INC.
MDF-500
Not just for studs!**

MDF-500 disinfects, deodorizes and cleans hard, non-porous surfaces such as floors, metal surfaces, stainless steel, porcelain, glazed ceramic tile, plastic, bathroom cabinets. This product deodorizes areas prone to musty or foul odor like garbage cans, basements, and restrooms and from odors caused by microorganisms.

MDF-500 can be applied to restore other affected surfaces such as cement sidings, wood, drywall, stucco, walls, fences, decks, sinks, bathtubs, appliances and AC systems and ductwork.

MODEC Customers Include:
US Post Office
CIA
US Army, Marines, Navy
Homeland Security
And many others...

Whether your house had 6 inches of water or 6+ feet— Hurricane Katrina floodwaters and resulting conditions brought MOLD, BACTERIA AND TOXINS into your home. We can help.

Facts about Mold:

- Molds produce allergens, toxins (mycotoxins), and irritants and can trigger asthma.
- The mold spores may be toxic by inhalation.
- Some molds are capable of producing carcinogens (e.g., aflatoxin produced by *aspergillus flavus*).
- Dead mold may still be toxic and/or cause allergic reactions, so it is not enough to simply kill the mold; *all* of it must be removed.
- Physically disturbing the mold will cause the spores to spread.
- Molds cause odor problems, discoloration, staining and cosmetic damage.
- Mold growth can eventually cause structural damage to a building. The longer it grows the more damage it will cause.

Facts About the Use of Chlorine Bleach

- Chlorine is not an effective or permanent killer of mold or the mold spores and does not address the odors caused by VOC's (volatile organic compounds) that are released by the live and dying mold.
- Chlorine bleach is too diluted to permanently kill mold unless the mold is sitting on top of a hard non-cellulose surface.
- Mold, by nature of the physiology, has hyphae that extend out from the body of the mold cell. These hyphae can penetrate and intertwine into the fibers of the substrate, in this case, the dry wall or wood, microscopically piercing the surface of these items. The ion structure of the chlorine prevents it from penetrating into those same porous materials.
- The chlorine stays on the outside surface, while the mold penetrates these materials. The chlorine can never reach into the areas that the hyphae grow. So the mold's hyphae remain untouched and intact. When moisture re-enters the area where the hyphae have embedded themselves, the mold will continue to grow.
- On most porous building materials that contain, cellulose such as wood timbers, drywall, chipboard, plywood, etc., bleach can change the color of the mold, but will only slow down mold growth for about 3 weeks. It is not a long lasting solution.
- Chlorine Bleach is not registered with the EPA as a disinfectant to kill mold. An EPA registration number for killing mold is listed on the label of any brand of product that is recognized for that purpose. Chlorine bleach does not have this registration.
- Beach can also ruin the surface finish on many substances, discoloring fibers and dissolving coatings and tarnishing certain finishes.
- Studies have found that chlorine *does* have some limited effect on killing mold on some hard surfaces, where the hyphae does not penetrate the surface. These would include ceramic tile, formica counters or steel appliances. However, the chlorine will not address the spores or the odors.

PROPOSAL, WORK ORDER, AGREEMENT AND INVOICE

TECH 21, LLC
P. O. Box 725
LaPlace, LA 70069

CONTRACTOR INFORMATION

Submitted to: _____

Contact Phone # _____

Description of work to be completed:

1. Customer will remove and or cover all valuables, antiques and paintings in the area to be treated.
2. If pre-treatment (defined as treating prior to cleaning or removal) is requested, trained personnel will enter the property and the areas requested by the customer will be treated with MDF-500 MODEC decontamination chemical. This product will kill active surface mold, bacteria and odors. This product is non-toxic and not injurious to surfaces.
3. If all damaged furniture, sheetrock, insulation and flooring is removed from affected areas, we will measure the humidity levels inside the structure. If humidity conditions are acceptable to be responsive to our treatment, we will use MDF-500 MODEC Solution to treat the structure as directed by the owner or manager (customer).
4. The contracting party will be provided with a certificate stating that the spaces have been treated with the product.
5. Payment shall be calculated by multiplying the total (floor) square feet of all the areas being treated including but not limited to each floor of the structure, garage, out buildings etc. at \$ _____ per square foot of floor space. All taxes are included in this rate.

The total square footage of this offering is _____ SF. The total price being offered for this treatment is \$ _____.

Payment terms are upon completion of the job unless otherwise mutually agreed , or noted below:

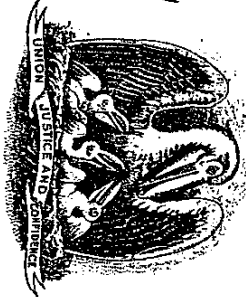
Contractor

ACCEPTED and AUTHORIZED BY: (Owner/Manager)

Disclosure Statement: The service performed by TECH 21 LLC and its sub-contractors is the act of destroying the mold that is found in the part of the premises that is treated in accordance with the customers request for service. Conditions may later exist that may foster the growth of mold that may develop after the application of MDF-500 is completed. I understand and agree that Tech 21 and it's agents will make every effort to assist the customer at the highest level possible, but that Tech 21 or it's agents are not responsible for situations or conditions that may develop in the future.

I understand and agree to the aforementioned: _____.

SEAL OF THE JUDICIAL



State Licensing Board for Contractors

This is to Verify that:

TECH 21, L.L.C.
P. O. Box 725

LaPlace

LA 70069

is duly licensed and entitled to practice the following classifications

SPECIALTY: COATINGS



No. 33385

until December 31, 2005, when this Certificate expires.

Witness our hand and seal of the Board dated,

Baton Rouge, La. 1st Day of January 2005.

[Signature]
DIRECTOR

[Signature]
CHAIRMAN

This License is Not Transferable

[Signature]
SECRETARY-TREASURER

Modec
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EPA FIFRA REGISTRATION OF BINARY MDF-500.

The USEPA has accepted Modec's Label for its Modec Decon Formulation. Approved for antimicrobial disinfectant and fungicidal uses including hospitals applications, Modec's Decon Formulation has been assigned EPA Registration No.'s 80346-1 and 80346-2. 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 demonstrated to be fungicidal against pathogenic fungal spores (*Trichophyton mentagrophytes*). Our testing pursuant to EPA DIS/TSS-6 established the formulation as effective in direct test against fungal spores. Thus, MDF-500 is an effective mildewstat and fungicidal against mold and fungal spores. MDF-500 is not just registered as a general disinfectant like other products.

Modec completed and submitted the required toxicology, chemical analysis and efficacy test reports required by law and submitted its formulation to the EPA review under Section 3 Registration requirements prescribed by FIFRA. Many of the laws, guidance, and policies that govern the Office of Pesticide Programs (OPP) are contained in the Federal Insecticide, Fungicide, and Rodenticide Act. Modec's Decon Formulation can be used in commercial and residential applications. Modec's Decon Formulation is produced in EPA Reg. Est. CO-65001-01.

MDF-500 has been used successfully in over one thousand commercial mold remediation applications representing tens of thousands of square feet economically remediated.

MDF-500 comes in **binary** (two-part) form that does not require mixing of powders.

[Click Here](#) for Independent Laboratory Test of MDF on *Stachybotrys chartum*.

[Click Here](#) for MDF-500 MSDS.

WWW.DECONSOLUTIONS.COM
 AUTHORIZED SANDIA LICENSEE
 DISTRIBUTED FROM: 4725 OAKLAND ST.
 DENVER, COLORADO 80239

PHONE: 303-287-0186
 MSDS NO: SNL872-500-0212
 MSDS DATE: 12-02-04
 REVISED: New

IDENTIFICATION, COMPOSITION AND INGREDIENTS	
PRODUCT NAME:	Modec Decon Formula 500Concentrate
BRAND:	Modec Decon Formulation: "MDF-500" - Part A
COMPOSITION:	Biodegradable mixture of cationic detergents and fatty alcohols
HAZARD RATING:	Health: 1; Flammability: 0; Reactivity: 0. (NFPA)
ACTIVE INGREDIENTS:	% OSHA PEL ACGIH
N,N,N,N',N'-Pentamethyl,N'-Tallow Alkyl 1,3-Propanamine Diammonium Chloride; n-Tallow Pentamethyl Propane (CAS 68607-29-4)	2.1 Not Established
Quaternary Ammonium Compounds, Benzyl-C12-18 Alkyl Dimethyl (CAS 68424-85-1)	4.2 Not Established
INERT INGREDIENTS	93.7
TOTAL	100
PHYSICAL DATA	
APPEARANCE:	Yellowish clear liquid
ODOR:	Sweet
EVAPORATION RATE:	1 (water=1)
VAPOR PRESSURE:	Unknown
SOLUBILITY IN WATER:	Complete
SPECIFIC GRAVITY:	1.056
pH of CONCENTRATE:	10.6
BOILING POINT:	212° F.
FIRE AND EXPLOSION DATA	
FLAMMABILITY:	Not flammable
EXTINGUISHING MEDIA:	As for surrounding fire
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None
SPECIAL FIR FIGHTING PROCEDURES:	None
EXPLOSION LIMITS:	N/A
FIRST AID EMERGENCY PROCEDURES	
EYE CONTACT:	Flush eye with cool running water for at least 15 minutes. Call a Physician.
SKIN CONTACT:	Flush with cool running water. If irritation develops, call a Physician.
INGESTION:	Drink promptly several glasses of water or milk. Call a Physician.
BREATHING:	Move to fresh air. If breathing becomes heavy seek medical attention
SPECIAL PROTECTION INFORMATION	
PROTECTIVE GLOVES:	Recommended (rubber or PVC) when working with concentrate.
EYE PROTECTION:	Recommended (goggles, safety glasses) when working with concentrate
LOCAL EXHAUST:	None required for local exhaust, normal dilution ventilation is acceptable.
OTHER EQUIPMENT:	None required
REACTIVITY DATA	
INCOMPATIBLE MATERIALS:	Anionic materials
STABILITY:	Product is stable
POLYMERIZATION:	Will not occur
DECOMPOSITION PRODUCTS:	Thermal decomposition may give off nitrous oxides and ammoniac vapors and carbon dioxide during a fire.
SPILL OR LEAK PROCEDURES AND DISPOSAL	
SPILL:	Contain spill; flush with large excess of water. Avoid large discharges; sorbents may be used.
DISPOSAL:	Remove material or dispose in accordance with all applicable federal, state and local regulations. Material collected with absorbent may be disposed of in permitted landfill
TRANSPORTATION INFORMATION	
DOT:	The product is non-hazardous under DOT Regulations. No special handling procedures are required.
ADDITIONAL INFORMATION	
This MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.	
The information contained herein has been compiled from sources considered by Modec, Inc. to be dependable and is accurate to the best of the Company's knowledge. No guarantee of accuracy is made. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions and disposal considerations. The information relates to the specific materials designated herein, and does not relate to the use in combination with any other material or other process. The listed hazard data herein may reflect the hazards related to the formulation as a whole or to individual components at 100% concentration. Therefore, certain warnings and hazard statements contained on this MSDS may not be applicable to or included in the package labeling.	
SARA requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372. This Information must be included in all MSDS's that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statute are: NONE	

EMERGENCY TELEPHONE: INFOTRAC 1-800-535-5053



Modec, Inc.

MATERIAL SAFETY DATA SHEET

WWW.DECONSOLUTIONS.COM
 AUTHORIZED SANDIA LICENSEE
 DISTRIBUTED FROM: 4725 OAKLAND ST.
 DENVER, COLORADO 80239

PHONE: 303-287-0186
 MSDS NO: SNL872-500-0212
 MSDS DATE: 12-02-04
 REVISED: New

IDENTIFICATION, COMPOSITION AND INGREDIENTS		
PRODUCT NAME:	Stabilized Catalyst for MDF-500 Part B	
BRAND:	Modec Decon Formulation MDF-500 - Part B	
COMPOSITION:	Stabilized Hydrogen Peroxide, water and inert ingredients	
HAZARD RATING:	Health: 0; Flammability: 0; Reactivity: 0. (NFPA)	
ACTIVE INGREDIENTS:	%	TLV LIMIT IN AIR
Hydrogen Peroxide (7722-84-1)	7.99	1 ppm
Inert ingredients	92.01	
TOTAL	100	
PHYSICAL DATA		
APPEARANCE:	Clear liquid	SOLUBILITY IN WATER: Complete
ODOR:	Odorless	SPECIFIC GRAVITY: 1.008 g/cm ³
EVAPORATION RATE:	1 (water=1)	pH of CONCENTRATE: 2.275
VAPOR PRESSURE:	23.3 MM HG @ 30 (C)	BOILING POINT: 108 Celsius
MELTING POINT:	-33	
FIRE AND EXPLOSION DATA		
FLAMMABILITY:	Not flammable	
EXTINGUISHING MEDIA:	As for surrounding fire, water	
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None	
SPECIAL FIRE FIGHTING PROCEDURES:	None	
EXPLOSION LIMITS:	N/A	
HEALTH HAZARD DATA - EFFECTS OF OVEREXPOSURE		
ROUTES OF ENTRY:	Eye contact, skin contact, ingestion, inhalation.	
EYE EFFECT:	May cause transient irritation. Rinse immediately with water	
SKIN EFFECT:	May be transiently irritating to skin. Will cause temporary whitening.	
INGESTION:	If swallowed, consult a physician. Do not induce vomiting. Drink a glass of water.	
INHALATION:	Avoid breathing mist. If inhaled, remove to fresh air. Give oxygen if breathing is difficult.	
CARCINOGENICITY:	This product (or components of its mixture) is not listed in IARC Monographs, the NTP 6 th Annual Report or the current ACGIH TLV's as a carcinogen or potential carcinogen.	
FIRST AID EMERGENCY PROCEDURES		
EYE CONTACT:	Flush eye with cool running water for at least 15 minutes. Call a Physician.	
SKIN CONTACT:	Flush with cool running water. If irritation develops, call a Physician.	
INGESTION:	Drink promptly a glass of water. Call a Physician.	
BREATHING:	Move to fresh air. If breathing becomes heavy seek medical attention	
SPECIAL PROTECTION INFORMATION		
PROTECTIVE:	If skin or contamination of clothing is likely, protective clothing should be worn.	
EYE PROTECTION:	Recommended (goggles, safety glasses).	
RESPIRATORY:	Atmospheric levels should be maintained below the exposure limits listed in Section III by using engineering controls. If not feasible, use supplied air respirator.	
LOCAL EXHAUST:	Provide local exhaust, normal dilution ventilation is acceptable. Refer to Industrial Ventilation by ACGIH for a manual of recommended practices.	
OTHER EQUIPMENT:	None required	
REACTIVITY DATA		
INCOMPATIBLE MATERIALS:	Heavy metal ions, alkalis and combustible materials	
STABILITY:	Product is stable at normal temperatures and storage	
POLYMERIZATION:	Will not occur	
DECOMPOSITION PRODUCTS:	Oxygen which supports combustion.	
SPILL OR LEAK PROCEDURES AND DISPOSAL		
SPILL:	Contain spill; flush with large excess of water. Avoid large discharges; sorbents may be used. See prior sections for hazards and exposure controls. Dike with sand or earth to contain spill. Avoid ignition sources. Transfer to approved DOT drum for recovery or disposal.	
DISPOSAL:	Remove material or dispose in accordance with all applicable federal, state and local regulations. Material collected with absorbent may be disposed of in permitted landfill	
TRANSPORTATION INFORMATION		
DOT REGULATIONS:	The product is non-hazardous under DOT Regulations. No special handling procedures are required.	
ADDITIONAL INFORMATION		
SARA requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372. This Information must be included in all MSDS's that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statute are NONE. This MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health. The information contained herein has been compiled from sources considered by Modec, Inc. to be dependable and is accurate to the best of the Company's knowledge. No guarantee of accuracy is made. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions and disposal considerations. The information relates to the specific materials designated herein, and does not relate to the use in combination with any other material or other process. The listed hazard data herein may reflect the hazards related to the formulation as a whole or to individual components at 100% concentration. Therefore, certain warnings and hazard statements contained on this MSDS may not be applicable to or included in the package labeling.		



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