

# ARTEMIS BIO-SOLUTIONS

## DECON FORCE 100 METHAMPHETAMINE DECONTAMINATION

### RECOMMENDED PROCEDURE FOR METHAMPHETAMINE AND PRECURSER CHEMICALS CONTAMINATED SPACES

Artemis Bio-Solutions is an industrial chemical manufacturer and in no way regulates or mandates guidelines for permissible state or federally regulated services. **Remediators should always refer to State and local guidelines before beginning the remediation process.** All procedures suggestions are specific to the capabilities of the products that we manufacture and are designed to help the applicators achieve the maximum benefits from our products.

The remediation of clandestine drug labs presents is a very inherent danger. **PERSONNEL SAFETY** is priority number one. All personnel should wear OSHA, NIOSH, and EPA approved PPE (Personal Protective Equipment) up to level C protection. Personnel should also wear full face respirators with P-100 broad spectrum chemical filters.

All work should be conducted under a site-specific Health and Safety Plan. All work should be completed in accordance with OSHA 29CFR 1910.120 and to any state and local Department of Health and Environment regulations pertaining to the cleanup of illicit drugs and contaminated properties.

**All contaminated structures should be prepped in the exact same manner as with traditional remediation.**

### METH SITE PREPARATION

Inspect each room of the structure. Remove all contaminated materials such as carpet, padding, drapery, any areas of major visible staining (drywall, wallpaper Etc.) as well as all contents left behind by the former tenant. This should be removed and disposed of in accordance with state and local guidelines.

HEPA vacuum all floors, fixtures, and surfaces to remove all contaminated dust.

Before you begin the application of **DECON FORCE 100** to any room you must also vacate the area to be treated of any humans, animals, or plants; remove any food or food contact utensils, remove all items from floors, walls and ceilings that can be removed (so as not to impede **DECON FORCE 100** from contacting those surfaces) and disable or cover all smoke and fire detection units.

Remember the main objective during remediation is to allow the **DECON FORCE 100 solution** to encounter all surfaces and wet out the contaminant. **DECON FORCE 100 must** remain in contact with the contaminated surfaces for the required dwell time. Once complete, studies have demonstrated that the contamination is destroyed along with the toxin and odorous effects.

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## DECON FORCE 100 APPLICATION

Applying **DECON FORCE 100** using an ultra-low volume (ULV) cold sprayer/fogger is the preferred method of application in a Methamphetamine contaminated structure. ULV fogging allows **DECON FORCE 100** to be delivered to every part of the targeted area extremely effectively

**DECON FORCE:** can also be applied using a Pump Sprayer or foaming apparatus.

**Required Contact Time:** The contaminant must stay visibly wet for a minimum of **15 minutes**.

## MIXING DIRECTIONS FOR DECON FORCE 100

**DECON FORCE 100** is a three-part system. PART-A, PART-B and PART C (Booster) always mixed at a 49:49:2 ratio. 49% Part A and 49% Part B. 2% Part C (booster). Once mixed the product has an 8- hour pot life. Complete mixing instructions are on the label.

Always wear appropriate personal protective equipment for the tasks being performed. When mixing Decon Force 100 don protective eyewear and nitrile gloves to protect against chemical splashing.

Using a 5-gallon bucket, pour one gallon of Part-B into the bucket. Pour one gallon of Part-A into the solution. Add 6 ounces of part C to the solution and stir the solution with a paint mixing stick for one minute. **The final mix is the use solution.**

**DECON FORCE** is sold in kits with the exact amount of PART C (booster) in each kit. 2-gallon kit, 4- gallon kit, 10-gallon kit, 30-gallon kit and 100-gallon kit.

Identify a starting point by using existing landmarks, such as windows or doors to guide you during application to ensure complete coverage while fogging.

**Step 1:** Adorn class C PPE Suit, including Tyvek or similar hooded coverall, chemical resistant gloves and booties and full-face respirator.

**Step 2:** Enter property and turn HVAC fan to OFF position.

**Step 3:** Remove all HVAC vents, intake covers, remove, and dispose of HVAC filters. HEPA Vac down vent openings

**Step 4:** Be sure to close all windows and doors to minimize air flow.

**Step 5:** Fill ULV sprayer with mixed solution being careful not to overfill. Repeat this process as needed throughout the duration of this protocol as ULV sprayer empties.

**Step 6:** Turn ULV sprayer to setting 4 on the black dial near end of hose.

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**Step 7:** Turn ULV sprayer on and treat every room with a generous amount of **DECON FORCE 100**. Be sure to wet every surface including all walls, flooring, ceiling, closets, sinks, toilets, shower stalls, get all sides of light fixtures as well as inside and outside of cabinets, cupboards and both sides of all doors. Treat the surface as if you were spraying paint. Stand 4-6 feet from each surface and treat generously, but not to the point of saturation or creating visible run off. Be sure to apply **DECON FORCE 100 fog** into each HVAC vent and into intakes as you travel throughout the property.

**Step 8:** Exit property and close all doors and allow **DECON FORCE 100** to settle and dissipate. This can take anywhere from 30 minutes to 1 hour.

**Step 9:** Once the **DECON FORCE-100** fog has visible dissipated re-enter property in full PPE and repeat step 6, 7, 8, and 9. Then turn HVAC system fan to ON position and spray the mixture directly into the opening where the filter goes for 15-20 seconds to circulate it into the system. Then turn HVAC back to off position.

**Step 10:** With the leftover chemical, pour a couple of ounces of **DECON FORCE-100 down** each sink, tub, and shower drain. This will neutralize any residue left in the “P” traps.

**Step 11:** Close (all doors’ windows etc.) property do not re-enter for minimum of 8 hours (reaction time) based on level of contamination. For severely contaminated areas a third application is recommended. Repeat steps 5-8.

**Once Reaction time is complete, the property is now ready for post treatment testing.**

Ventilate the home by opening windows and doors, weather permitting.

**Note:** the ideal ambient temperature for the decontamination process is 60°F -70°F. If this cannot be achieved, you must adjust the particulate sizes of the fog by adjusting the toggle switch on the MST ULV Fogger to ensure you are treating and reaching all surfaces properly.

**For product or applications questions please contact:**

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## Disclaimer

The procedure described for using **Decon Force 100** to decontaminate methamphetamine-contaminated structures is intended solely for use by **trained and certified professional remediators** in accordance with all applicable local, state, and federal regulations.

## Important Notice:

1. **Specialized Training Required:** Decontamination of structures contaminated with methamphetamine residue involves hazardous conditions. This process must only be undertaken by professionals equipped with the necessary training, personal protective equipment (PPE), and an understanding of hazardous material handling.
2. **Compliance with Regulations:** All remediation efforts must comply with environmental and health regulations as defined by local, state, and federal authorities. Failure to comply may result in legal penalties and health risks.
3. **Health and Safety Risks:** Methamphetamine contamination poses serious health hazards, including respiratory issues, chemical burns, and other long-term health consequences. Do not attempt to handle or remediate contamination without proper certification and equipment.
4. **Manufacturer Guidelines:** Always adhere strictly to the manufacturer's instructions for the use of **Decon Force 100**, including proper dilution, application methods, and ventilation requirements. Improper use can result in ineffective decontamination or increased health risks.
5. **Legal and Financial Liability:** The individual or organization performing the decontamination assumes all responsibility for compliance with legal and safety standards. Artemis Bio-Solutions assumes no liability for damages, health risks, or regulatory issues arising from the use or misuse of **Decon Force 100**.

If you are a property owner or tenant dealing with methamphetamine contamination, consult with a certified remediation professional to assess and address the issue safely and legally.

