



**MDF 500® Protocols: General Disinfection**  
**PREPARATION**

**PPE:** Proper PPE should be the first consideration when dealing with a chemical product. Please review our SDS for product characteristics and requirements. Product should not encounter the skin or eyes. Gloves, Goggles, Safety Glasses, and Protective Chemical suit are recommended. When utilizing ULV spray system or airless spray, half face respirator or full face respirator should be utilized.

**Mixing:** Mix solution as necessary for area to be treated. Mixed solution should be used within 8 Hrs. Mix equal parts of A and B. Product may be mixed in application container.  
 (1 gallon typically treats approx. 2500 - 4000 square feet with ULV sprayer application)

**Application Equipment:** ULV Cold Sprayer(mist), Standard Pump Sprayer, Commercial Foamers and Airless Spray Equipment may be considered. Product may also be used as general wipe down and cleaner.

**General Procedure**

- Mix Part A and Part B 50/50 to the desired volume needed.
- Make sure treated surfaces are dampened by MDF 500®, but not to the point of run-off or over-saturation.
- Surfaces should remain wet for a minimum of 10 minutes per our EPA label.
- Food Contact areas should be wiped down with fresh water after application.

**PROCEDURE For ULV Cold Spray(mist) and Airless Spray**

- Evacuate all occupants from building during the decontamination process.
- Remove all pets and Cover aquariums and turn off aquarium aerator pumps. They should be off for a minimum of 8 hours following completion of application or until fog has settled.
- Cover sensitive wood furnishings & floors (polished tables, pianos, etc.) with protective tarp or drop cloths. The spray solution can cause marks in polished finishes of wood furniture if applied heavily enough to cause runoff.
- Atomize or “(ULV) Cold Mist Spray” the entire building or area of building,
- Make sure treated surfaces are dampened by MDF 500®, but not to the point of run-off or over-saturation.
- Surfaces should remain wet for a minimum of 10 minutes per our EPA label.
- After application, area should remain closed for a minimum of 30 minutes prior to opening and allowing to air out.
- Ensure all mist is settled prior to opening the building to the public.
- Food Contact areas should be wiped down with fresh water after application.

<b>First Aid</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>IF ON SKIN:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<p><b>NOTE TO PHYSICIAN</b> Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call 1-800-222-1222 for emergency medical treatment information.</p>	

