

Card-O-Vap 8™ Odor Mitigation

- Do not perform applications when the temperature drops below 60° F.
- Utilize intelligent aeration strategies
 - Use all available aeration/ventilation fans within the treated area.
 - “Dead air spaces” within or adjacent to the fogging area may require the use of additional portable fans to help move the air into the main airspace where the exhaust fans can evacuate it.
 - i.e.: Closets, store rooms, stairways, offices, electrical rooms, boiler rooms, hand sorting rooms, equipment panels, etc.
 - Provide ample time for mechanical aeration which will exhaust the solvent’s odor.
 - If possible, always allow 24 hours or more for ventilation of treated areas.
- Utilize the lower dose of 0.25-0.50 oz/1000 ft³ to minimize the solvent which has the odor. Consider using 0.5-1.0 oz/1,000 ft³ for severe pest infestations only.
- Calculate your volume and dose correctly accounting for load factor (subtract out products, equipment, etc. that occupies volume in the treated enclosure)
- Make sure your equipment generates the optimum particle size of 5-15 µm. Calibrate your equipment on a monthly basis.
- Educate your staff that the odor comes from the solvent, not the active ingredient. The active ingredient is below the legal re-entry limit before they are allowed to enter the building.
- Clean obvious “oil slicks” or other surfaces that may contain high concentrations of Card-O-Vap 8™ residues to minimize the potential for solvent odors.
- Remove or temporarily remove cardboard, fabric, or other types of material that might hold on to the odor more readily.
- Use the Dräger Phosphoric Acid Ester Tubes prior to entering without respiratory protection within 24 hours after application. It is suggested you use these colorimetric tubes before every re-entry after each application. Document your readings in a prepared form. Instructions for using these tubes can be downloaded from www.cardinalproproducts.com/downloads.
- In California, it is required to offer a Pesticide Application Notification either written or orally to any person that may enter an area treated with a pesticide. This form will explain the hazards of Card-O-Vap 8™, and the odors that are sometimes associated with it. This form can be downloaded from www.cardinalproproducts.com/downloads.
- It is suggested that a re-entry card be posted at all entrances to the treated facility stating that the area was treated on a certain date, and has been properly aerated and cleared for re-entry to all unprotected workers. Do not post the re-entry card if any odor is detected. This re-entry card can be downloaded from www.cardinalproproducts.com/downloads.
- If overexposure to Card-O-Vap 8™ occurs, take a copy of the MSDS with the employee to the doctor/hospital. Make sure the responding physician understands that the exposure may be due to the aromatic solvent carrier, and not necessarily caused by dichlorvos (DDVP, Vapona), especially if the Dräger Phosphoric Acid Ester Tubes show a negative reading for dichlorvos.