



## odor<sub>x</sub><sup>®</sup> Crystal Odor Counteractant™

### Use instructions for Professional Grade and Commercial Grade formulations

#### FOR PROFESSIONAL USE ONLY

#### Odor counteractant – Odor absorbent – Versatile application

#### BACKGROUND

Crystal Odor Counteractant (C.O.C.) is used in the second step in the **Unsmoke<sup>®</sup> 3-Step Odor Removal Process**. C.O.C. is a blend of odor control essential oils and evaporative control agents that are immobilized on a solid, absorbent supporting crystal. When C.O.C. is exposed, its time release formulation allows odor control agents to get into the air.

The Cherry version of C.O.C. tends to be particularly effective at controlling the smoke odor derived from wood, paper and synthetics such as plastic and rubber. The Citrus version is recommended for controlling odor from fires involving protein (e.g. meat, poultry, or fish).

C.O.C. is available in two different styles: Professional and Commercial.

- Professional is packaged in a convenient 6 ounce (180 mL) canister and can be placed in any convenient location in a building and is used in specific areas where pin point odor control is necessary.
- C.O.C. Commercial is packaged in bulk form and is used in areas where odor is very widespread. This is the version used in the Unsmoke 3-Step Odor Control System.

#### ITEMS NEEDED

- C.O.C.
- Additional, optional products: ODOR<sub>x</sub><sup>®</sup> Thermo-55™ or ODOR<sub>x</sub><sup>®</sup> Thermo-2000™, ODOR<sub>x</sub><sup>®</sup> 9-D-9™ or ODOR<sub>x</sub><sup>®</sup> Double-O™, Unsmoke<sup>®</sup> Unsoot Encapsulant™ or ODOR<sub>x</sub><sup>®</sup> Last Resort™
- Equipment: Compression or electric sprayer, airless paint sprayer, air mover for ventilation. Thermo-Gen™ or Electro-Gen™ Thermal Foggers. (Note: the ELECTRO-GEN™ 2000 is not recommended for use with Thermo-55.)
- Adequate supply of clean cloths and a plastic bag for the storage of soiled cloths, measuring cup
- Extension cords as required to provide power for any electrical equipment

#### 3-STEP ODOR REMOVAL PROCESS

C.O.C. is most effective when used within this process. The process resolves even the most challenging odors in any indoor environment. Always refer to product labels and User Guides for specific application instructions.

#### STEP 1: Suppression spray

Odor sources can be rapidly reduced by applying an odor counteractant such as 9-D-9 or Double-O with a compression sprayer. It is important that the solution come in direct contact with all contaminated surfaces that might be a source of odor. This provides an initial control of strong, objectionable odors so that clean up crews can enter the area.

**Special instructions for strong smoke odors:** For smoke odors in charred wood, attic insulation, and ceiling/wall voids, use the following mixture as a suppression spray: Add to an empty 5 gallon (20 liter) pail 1 gallon (4 liters) of Unsoot Encapsulant, 1 quart (0.95 liter) 9-D-9, and 5 ounces (150 ml) Last Resort. Add water to make 5 gallons (20 liters) and apply the mixture with a low pressure sprayer. Covers 500 square feet per gallon (49 square meters per 4 liters). Now proceed with Step 2.

**STEP 2: Apply C.O.C.** See details below.

#### STEP 3: Thermal fogging

Apply thermal fogging according to product label directions. Be sure to ventilate the treatment area thoroughly before permitting the area to be re-occupied.

## INSTRUCTIONS FOR USE OF C.O.C.

C.O.C. has several applications:

- **FLOORS:** Sprinkle C.O.C. at a rate of 4 ounces per 200 square feet (120 mL per 20 square meters) of floor area.
- **PET ODORS:** Sprinkle as needed under carpet and pad. If product scent is too strong, simply reduce quantities.
- **FURNACES AND AIR HANDLERS:**
  - Step 1.** Turn off blower.
  - Step 2.** Clean and/or change filters.
  - Step 3.** Place a shallow container of C.O.C. in the plenum area. When blower is activated, C.O.C. will deodorize the system. If using C.O.C. Professional, remove the container lid and place the open container into plenum area.

Special Notes:

- Be sure to replace the cap on C.O.C. Commercial to prevent evaporative loss of active materials.
- Adjust the amount of C.O.C. that you apply depending on the severity of odor and sensitivity of building occupants to the fragrance.

## SAFETY CONSIDERATIONS

- **IMPORTANT:** The odor of this product, like any other common material with a fragrance may be irritating to some persons with allergic sensitivity. It is recommended to allow occupants to “sniff test” the product prior to application. For “sniff testing” place some C.O.C. granules in a small cup. Allow occupant to “sniff” both fresh and aged samples of the product. Obtain permission from occupants prior to product application. Individuals may reoccupy treated spaces when they feel physically comfortable and/or upon advice of their consulting physician.
- Read the Material Safety Data Sheets (MSDS) before using. You can obtain the MSDSs from your distributor or from ProRestoreProducts.com
- Be sure electrical equipment including plugs and extension cords are in good condition.
- Avoid contact with painted, plastic or varnished surfaces
- Wash hands after handling the product.

## ADDITIONAL REFERENCES

- User Guides and Safety Data Sheets (SDSs) for all ProRestore Products are available at ProRestoreProducts.com
- Odor Removal Manual for comprehensive odor management techniques
- Unsmoke / Microban Field Guide
- Restoration Sciences Academy Certification Classes. For location and scheduling of classes, go to ProRestoreProducts.com.
- For Technical Support 24/7, call 800-332-6037

## COMMERCIAL C.O.C. TECHNICAL DATA

Sold as	Case of 4 x 1 gallon (3.8 L) bottles
Re-order numbers	431502901 Cherry 431502909 Citrus
Appearance	Gray & black granules
Odor	Citrus or Cherry
Specific gravity	2.4

## PROFESSIONAL C.O.C. TECHNICAL DATA

Sold as	Case of 12 x 6 oz. (180 mL) bottles
Re-order numbers	431552901 Cherry 431552909 Citrus
Appearance	Gray & black granules
Odor	Citrus or Cherry
Specific gravity	2.4