



## OdorX® Thermo-2000™ FOR PROFESSIONAL USE ONLY

**Instant-acting air freshener   ○   Highly effective odor counteractant   ○   For thermal fogging only**

### BACKGROUND

Thermo-2000 is an essential component in the Three Step Odor Control System. Thermo-2000 is a unique water-based, thermal fogging product. Thermo-2000 consists of highly purified glycol solvents, penetrating agents and odor control essential oils. These substances generate a vapor barrier that prevents malodors from finding their way into the atmosphere. The thermal fogging process uses heat to produce micron size particles. Particles of this size have several advantages:

- They have extremely large surface area that adsorbs contaminants.
- Particles are sufficiently small to enter the tiny crevices on every surface in the room where the odor exists.
- Micron size particles remain suspended in the air for a sufficiently long time so that they can interact with airborne contaminants.
- Thermal fog agglomerates small airborne particulates that are a source of malodors.

Each fragrance tends to be effective at controlling specific types of odor:

- The cherry or Fragrance Free versions of Thermo2000 tend to be particularly effective at controlling the smoke odor derived from wood or paper fires.
- Kentucky Blue Grass (KBG) is recommended for odor from the burning of synthetics such as plastic and rubber.
- Citrus attacks odor from protein (e.g. meat, poultry, fish) fires as well as tobacco smoke odors.

**Note: Thermo-2000 is intended for thermal fogging only.**

### ITEMS NEEDED

- Thermo-2000
- 9-D-9™ or Double-O™
- Compression or electric sprayer.
- Crystal Odor Counteractant (C.O.C.™)
- Unsoot Encapsulant™ (optional)
- Last Resort™ (optional)
- Airless paint sprayer (optional)
- Adequate supply of clean cloths and a plastic bag for the storage of soiled cloths
- Measuring cup
- Thermo-Gen™ (Note: the Electro-Gen is NOT recommended for use with Thermo-2000.)
- Air mover for ventilation
- Extension cords as required to provide power for the electrical equipment

For best results use Prorestore Product's THREE STEP ODOR CONTROL SYSTEM. This is a multistep approach to odor control and addresses a wide variety of odors in many different types of buildings. Users of OdorX products are encouraged to attend classes offered by Restoration Sciences Academy to learn this system. For additional information, visit [www.legendbrandseducation.com](http://www.legendbrandseducation.com)

### SUMMARY OF FOGGING PROCEDURE

1. Survey to determine the potential for exposure to sensitive individuals. Take special precautions to minimize exposure of potentially sensitive individuals.
2. Confirm that application equipment is in good working order. Determine the volume, not just square footage, of the room so that you will know how much Thermo-2000 will be required to treat the area.
3. Turn off pilot lights and eliminate ignition sources. Cover materials potentially adversely affected by water based solvents or the fog itself.
4. Evacuate humans and pets from treatment area. Post "Do Not Enter" signs.
5. Remove or protect food and utensils.
  - - Notes on treatment of food items:  
Food that was in the same part of the room or building when the disaster event occurred would normally be disposed. The event itself would have damaged those items. For example, the heat or acidic smoke from a structure fire could damage the container or the contents. An exception would be if the quantity or value of the food warrants analysis by a qualified food hygienist.

If food is packaged in a non permeable container such as glass or metal, the fogging process itself will not damage those items. These items could be cleaned. Items packaged in permeable containers such as paper, thin plastic or cardboard might pick up the taste of the thermal fog so they should be disposed.

6. Issue respirators to application personnel.
7. Best results are achieved when temperature of area to be treated is above 55°F (12.8° C).
8. Apply Thermo-2000 at rate specified on the product label. Be sure the thermal fog is dry and a fine particle. If the fogger sputters and / or produces large particles, it might not be at the correct temperature or might require service.
9. Doors and windows should remain closed for 60 minutes after fogging. This allows adequate time for the product to penetrate various surfaces in the room.
10. Cross-ventilate the treatment area for at least 60 minutes prior to re-entry or re-occupancy.

#### **SAFETY CONSIDERATIONS**

- Products containing fragrances are not recommended for any application inside ventilation systems.
- Read the Safety Data Sheets (SDS) before using. You can obtain the SDSs from your distributor or download from [www.legendbrandsrestoration.com](http://www.legendbrandsrestoration.com)
- Extinguish all sources of ignition such as pilot lights and electrical sparks.
- Be sure electrical equipment including plugs and extension cords are in good condition.
- Be sure to wipe any surfaces where there has been a spill of Thermo-2000.
- Wash hands after handling the product.

#### **ADDITIONAL REFERENCES**

- Owner's Manual for Thermo-Gen thermal fogger
- Restoration Sciences Academy Certification Classes. For location and scheduling of classes, go to [legendbrandsrestoration.com](http://legendbrandsrestoration.com).
- For Technical Support, call 800-332-6037 or use our Legend Brands Live Chat service at [www.legendbrandsrestoration.com](http://www.legendbrandsrestoration.com)
- For emergencies, call Infotrac at 800-535-5053 (USA and Canada) / 352-323-3500 (worldwide).

#### **THERMO-2000 TECHNICAL DATA**

Sold as	Case of 4 one gallon (3.8 L)bottles
Reorder nos.	433102901 Cherry 433102906 KBG 433102909 Citrus 433102902 Fragrance free
Flash points	Cherry >200° F (93.3° C) KBG 232° F (111° C) Citrus >200° F (93.3° C) Fragrance free 200° F (93.3° C)
Color	Straw colored liquid
pH	5.0–7.0
Specific gravity / density	1.02 / 8.5 lbs. per gal. (1 gm/ mL)