

# SAFRAX® ODOR REMOVAL TREATMENT



## Step-by-Step User Manual



## Eliminate Odors, Mold, and Pests

**WE GUARANTEE 100% ODOR REMOVAL!**

If the smell persists, please get in touch with us:

 [support@safrax.com](mailto:support@safrax.com)

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+1.888.795.5888

**NEED HELP?** 

Scan the code with your mobile device or visit [safrax.com/QR](http://safrax.com/QR)





## Part 1: Preparation

### 1 Prepare the Space

- **Close all exterior doors and windows** to contain the gas.
- Open all interior doors, cabinets, drawers, and closets to ensure complete circulation of the gas.
- Seal the Area: Use painter's tape to cover gaps under doors, around windows, and vents to prevent gas from escaping.



### 2 Limit Light Exposure

- **Close all curtains or blinds** as sunlight (UV light) breaks down chlorine dioxide. If unable to cover windows, start the treatment in the evening when light exposure is minimal.



### 3 Remove Living Organisms

- **Remove all pets, plants,** and aquariums from the area before starting.
- If an aquarium cannot be moved, please contact Safrax Support for detailed instructions to protect aquatic life during treatment.



### 4 Turn Off Pilot Lights

- While chlorine dioxide is **not flammable or explosive**, high concentrations of gas near an open flame or pilot light can cause pressure-related reactions such as popping sounds or fireless air bursts.
- For safety, **turn off all pilot lights and ignition sources** during treatment.



### 5 Protect Clothing and Fabrics

- Chlorine dioxide gas does not stain dry fabrics, but it can cause discoloration if the **fabric is damp, humid, or wet.**
- Be sure to remove any moist towels or humid fabrics from the treatment area. Dark or dyed cotton fabrics, especially black, may stain easily from chlorine dioxide.





## Part 1: Preparation

### 6 Choose the Right Container

- Use a plastic bucket or container with a capacity of **minimum 2 gallon (8 liters)** to safely contain the foaming reaction that occurs during activation.
- Place one container in the **center of each room** being treated.



- ### 7
- Place a **plant saucer or tray underneath each container** – especially on hardwood, carpet, or other sensitive flooring. This will catch any accidental overflow and prevent stains or surface damage.



- ### 8
- Important: Do not place the container **NEAR STAINLESS STEEL SURFACES** (such as refrigerators, ovens, dishwashers, or sinks). Foam or splashes during activation may stain or corrode stainless steel. Also, Ensure nearby stainless steel is dry – moisture can cause corrosion.



- ### 9
- For deep **PET URINE ODORS** and visible surface **MOLD**, use a 1000 PPM chlorine dioxide spray before gas treatment for best results. Pet urine odors may require multiple treatments to fully reach and neutralize the source.
  - To Prepare the Spray: Dissolve **10 tablets in a 32 oz (1 liter) spray bottle** filled with water, and apply generously to the affected area.





## Part 1: Preparation

### Optional Enhancements (for Faster or More Intense Treatments)

These options are especially useful for accelerated treatments, such as when you only have a limited window of time (e.g., 3 hours) for emergency odor elimination, emergency mold treatment and bed bug eradication (requires heavy gas saturation).

A **3-hour HIGH-CONCENTRATION gassing** is often sufficient to resolve most odor and mold issues, and for bed bugs where intense exposure is essential.

In these cases, we recommend using **3 to 4 buckets per room**, each with 500 tablets dissolved in 4 cups (1 liter) of water, to ensure full gas saturation.



#### Option 1: Aquarium Air Pump

- Connect an aquarium air pump to an air stone or diffuser and place only the tubing / air stone into the bucket of water.
- This boosts chlorine dioxide release, helping the gas circulate more quickly throughout the room.



#### Option 2: Fans for Airflow

- Position one fan in the space being treated to gently circulate the gas. Helps ensure chlorine dioxide reaches cracks, corners, vents, and other tight spaces.



#### Option 3: Stand Mattresses Upright

- For **bed bug treatments**, stand mattresses on their sides at an angle if possible. This improves airflow and exposes seams and crevices where bed bugs hide, increasing gas penetration and overall effectiveness of the treatment.





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## Part 2: Activation of Chlorine Dioxide Gas

### 1 Add Water First:



- Pour about **2 cups (500 ml)** of warm or **room temperature** water into the bucket. Warm water activates the reaction slightly faster than cold water.
- Add the water to all buckets first. This allows you to move quickly from one bucket to the next when adding the tablets, ensuring a faster activation process and quicker exit from the room.

### 2 Add Tablets:



- For rooms up to **250 square feet**, use half a bag of Safrax® tablets (about **250 tablets**), adjusting based on the odor severity. For larger rooms, add additional buckets. A good rule of thumb is 1 tablet per square foot of treatment area.
- **Add / sprinkle the tablets slowly into the water.**

For **HIGH-CONCENTRATION** gassing (such as bed bug treatment or emergency odor / mold removal with a 3-hour exposure), use **4 cups / 32 oz / 1 Liter** of water per bucket and slowly add a **FULL bag (500 tablets)** directly to the water.





### 3 Leave the Room Immediately:



After adding the tablets, chlorine dioxide will foam and rapidly fill the room with gas.



Chlorine dioxide gas will quickly fill and saturate the room within minutes.

- **Leave the Room Immediately:** After adding the tablets, chlorine dioxide gas will begin releasing within seconds. **Exit the room within 30 seconds**—do not linger, and **avoid breathing in the gas—hold your breath while exiting** if necessary.
- **Do Not Inhale Gas:** Avoid breathing in the chlorine dioxide vapor or gas.



- **Use a Respirator:** Wearing a respirator mask is strongly recommended **if you are unable to leave the room within 30 seconds** after activation, or **if you are treating multiple rooms or an entire house and need to remain indoors for a few minutes** while activating several buckets. This helps protect you from exposure to chlorine dioxide gas during the activation process.

#### **Popping Sounds (Like Firecrackers):**

If the tablets are dropped too quickly, or if the water is too cold and the environment is highly humid, a rapid chemical reaction may occur. This can cause surface reactions between the tablets themselves, producing popping or firecracker-like sounds.

If this happens, do not re-enter the room as the gas is already being released and the room is filling up with gas. Once gas release begins, never re-enter the treatment area without a respirator.



## Part 3: Ventilation & Re-Entry

### 1 Treatment Duration

- For most applications, it is recommended to let the chlorine dioxide gas work for **24 hours**. It is perfectly safe to leave the treatment running for several days. After 24 hours, you should be able to re-enter the space without a respirator.
- For emergency treatments (such as 3-hour high-concentration gassing), **re-entry is advised with a respirator**.



### 2 Ventilation

- After the treatment period, **open all windows and doors** to thoroughly ventilate the space. Use fans if necessary to speed up air circulation. Ventilation typically takes 15 to 30 minutes, depending on airflow and room size.
- You may notice a mild chlorine-like (pool) smell—this is normal and not harmful, but continue ventilating until it fades.
- Opening curtains and allowing sunlight in can also help dissipate any remaining chlorine dioxide odor.



**\*\*Note\*\*:** Some **memory foam mattresses** may retain a slight chlorine-like **odor** (similar to a swimming pool) for a few days after treatment. This residual smell is not toxic and does not pose any health risks at this concentration.

### 3 Disposal

- Our Safrax® Chlorine Dioxide gas treatment **does not require rinsing or wiping**.
- Dispose of the leftover solution by pouring it down the toilet or drain. The white residue left behind is simply common salt.
- If you used an air pump, the remaining liquid will be clear water with no residue.

## Important Safety Information

### No Occupancy During Treatment

For safety, no people, pets, or plants should be present during chlorine dioxide gas treatment.

- **Direct inhalation of chlorine dioxide vapor can cause throat irritation, coughing, fever, or flu-like symptoms that may last 5 to 7 days.**
- A respirator mask is strongly recommended, especially for those with respiratory issues or limited mobility, as this may hinder a quick exit.
- If mobility is restricted (e.g. elderly individuals), assistance is advised for treatment.

### Preventing Gas Spread

- If treating one room at a time, seal the door from the outside using painter's tape to prevent gas from escaping into other parts of the home.
- In apartment buildings, always seal the treatment room from the outside to avoid chlorine dioxide gas leaking into hallways or shared spaces.

### Posting a Warning Notice

- If you live in an apartment building or gated residential community, it is advised to post a visible notice on your door informing others that chlorine dioxide gas treatment is in progress. This prevents accidental entry and ensures the safety of neighbors and maintenance staff.

SAFRAX Chlorine Dioxide  
Gas Treatment  
in Progress For Odor Removal  
DO NOT ENTER

Date: \_\_\_\_\_

Start Time: \_\_\_\_\_

- If you need to enter within 24 hours, you must wear a respirator. Chlorine dioxide gas can irritate the throat.
- Please note that chlorine dioxide gas is non-flammable.