



5523 Lincoln Ave.  
Cypress, CA 90630  
(800) 797-7329

## FUMIGATION CHECKLIST

**After reading, check boxes & sign. Please leave this checklist and the signed Occupants Fumigation notice for our technicians to collect on the day of the fumigation.**

- ☐ 1. **One of our representatives will request the gas shut-off order with The Gas Company.** A minimum 2 days (48 hours) is required. The Gas Company will shut the gas off at the meter between 7am-11am the days of the fumigation. No one needs to be at the property, they only need to have access to the meter. (Gates unlocked, no pets, etc.)
- ☐ 2. **Gas turn-on:** Customers must call The Gas Company to schedule a gas turn-on order. A **minimum 1-day (24 hours)** is required. You or an authorized agent must be present at the time of the turn-on, and must provide The Gas Company with proof of Certification for Re-Entry ( issued by your fumigation contractor) to ensure it is safe to re-enter the property. All appliances will be inspected for safety as part of the gas turn-on service.  
**Southern California Gas Company (800) 427-2200   Long Beach Energy Utility (562) 570-5700**
- ☐ 3. The fumigated structure must not be re-entered until it has been cleared for re-entry by the licensed fumigator.
- ☐ 4. All items for human consumption (such as foods, beverages, drugs, and medicines), which are not intact in the original manufacturer's airtight containers (such as sealed glass or metal), must be removed from the structure prior to fumigation or double bagged in Nylofume bags. This includes the contents of refrigerators and freezers.
- ☐ 5. Remove all mattresses and pillows with waterproof covers, such as "can't wet" mattresses for infants or sickrooms, or remove the covers. (Excluding waterbeds)
- ☐ 6. Remove garment bags from hanging and folded clothes, linens, etc.
- ☐ 7. All heating elements must be unplugged (heaters, pianos, organs, etc.).
- ☐ 8. Shut off automatic switch controls for appliances and lighting systems that will be included in the space to be fumigated.
- ☐ 9. Cut back shrubbery and tree branches to prevent damage. Allow enough space for tent to fall freely to the ground. Tree limbs growing over the roof must be trimmed back. Thoroughly water the ground around shrubs and plants located around the perimeter of the structure the night before the fumigation.
- ☐ 10. Trim trees, foliage, remove rock and gravel within 24 inches of the side of the house and 3 feet above the house. Remove potted and/or hanging plants, lawn furniture, Malibu lighting, etc. from perimeter of the structures.
- ☐ 11. All people must leave and all living things, such as pets (including fish from aquariums and growing plants), must be removed from your building before the fumigation begins.
- ☐ 12. All outdoor pets **must be removed from property.**
- ☐ 13. All cabinets, drawers, closets, storage chests, and interior doors must be opened. Raise blinds and open drapes.
- ☐ 14. When masking tape must be used for sealing purposes, the fumigation company cannot be responsible for paint or plaster lifting off when the tape is removed.
- ☐ 15. All obstructive articles, such as antenna guide wires or weather vanes, must be removed. The company cannot be responsible for changes in TV reception after the fumigation is completed. The company will exercise due care in its fumigation procedures, but will not be responsible for broken roof tiles, gutters, solar heaters, foliage, or other inadvertent damage caused by the fumigation process. Retract all awnings.
- ☐ 16. Notify the company prior to the fumigation if any conduits, tunnels, pathways, etc., are connecting the building to be fumigated to any other structure.
- ☐ 17. During the fumigation and aeration procedure, the company will not be held responsible for vandalism, theft or breaking and entering.
- ☐ 18. Please make prior arrangements with your inspector to leave keys at a place accessible to the fumigations, i.e., under the doormat, or electrical meter box. The law requires that all buildings be locked during fumigation. It is most important that you make key arrangements with the company representative conducting the fumigation.
- ☐ 19. Important: Leave **signed** Occupants Fumigation Notice (sign both sides/both pages) with keys in an accessible place as mentioned above, or job **cannot** be done.
- ☐ 20. Electricity must be available, as it will be required to run fans during the fumigation period, or job **cannot** be done.
- ☐ 21. Call our offices for any additional information or steps you should take.

[ ] **OWNER/AGENT** \_\_\_\_\_ **DATE** \_\_\_\_\_

[ ] **OCCUPANT(S)** \_\_\_\_\_ **DATE** \_\_\_\_\_

## **Fact Sheet for Vikane Gas Fumigant (Sulfuryl Fluoride)**

In the interest of Dow AgroSciences' commitment to product stewardship, this fact sheet is intended to provide basic information about the product and how it is used. If you have specific questions about your fumigation, refer to documents provided by the fumigator or call the fumigator listed on the warning signs posted on your structure. If you have questions about Vikane\* gas fumigant (the fumigant used) or the procedures described, call the Dow AgroSciences Customer Information Center at 1-800-352-6776.

### **WHY BUILDINGS ARE FUMIGATED**

Insects that feed or tunnel into wood can seriously damage houses, apartments, and other dwellings or structures. Each year termites or other wood destroying insects damage approximately 2 million homes. Depending on the extent or location of the infestation, fumigation is the only total control method proven to eliminate certain infestations of wood destroying insects.

### **HOW BUILDINGS ARE FUMIGATED**

Because Vikane is a gas, prior to fumigation, the structure is completely sealed. This serves to contain Vikane in the building so it can penetrate wood thoroughly and eliminate the pests. Depending on the construction of the building, the doors and windows may be sealed with tape and a plastic sheet, or the structure may be covered with a tarp. The building will remain sealed for 2-72 hours depending on the specifics of the job. Warning signs are posted around the building notifying people to keep out.

After the tarp or tape is removed, a professional fumigator will aerate the structure by opening the doors and windows. Fans may also be used to clear out the building. Once the dwelling has been thoroughly aerated, the fumigator is required to measure the level of any fumigant remaining in the living space to ensure it is below the EPA approved concentration for reentry by the occupants. Extremely low levels of fumigant can remain for a short period of time in dead air spaces between walls and inside cabinets as well as porous materials such as furniture. The small amount of fumigant in these areas will continue to dissipate for a few hours after the fumigation but at levels well below the established safe reentry concentration. Your building should not be cleared for reoccupancy until it is safe to enter. The fumigator will post a notice on your building indicating the day and time for reentry. Structures can be occupied only when the concentration is 5 parts per million or less (this represents a margin of safety - laboratory animals have been exposed to 100 parts per million for 2 weeks with no adverse effects.) Because Vikane is a true gas and not a vapor, aeration is rapid. Recent studies demonstrated that in most structures levels are less than 1 part per million within 6 hours of clearing and have no detectable levels of Vikane within 24 hours after the start of aeration.

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Vikane is a federally Restricted Use Pesticide.

Sulfuryl fluoride is a colorless, odorless gas, so a warning agent is added to the building that causes watery eyes and a scratchy throat. If you experience these symptoms in a structure that has been recently fumigated, you should leave immediately and call the pest control company to have your building retested.

#### **SULFURYL FLUORIDE (POTENTIAL HEALTH RISKS FROM OVEREXPOSURE)**

Sulfuryl fluoride is a gas and can potentially enter your body only through inhalation. Because it is a gas, it does not stay on dry surfaces, therefore, there is no exposure from touching treated surfaces.

##### *Nervous system and respiratory irritation:*

Overexposure to high levels of sulfuryl fluoride can result in nose and throat irritation and nausea. At high concentrations (such as those used during the fumigation) it can cause excess fluid in the lungs, sleepiness, pneumonia, and convulsions. These symptoms would be expected to appear within 8 hours after such an exposure. In the unlikely event you experience these symptoms in the building that has been recently fumigated, you should leave immediately. Consult your physician and call the pest control company to have your building retested.

##### *Additional studies:*

Sulfuryl fluoride has not been shown to cause birth defects in pregnant animals exposed under experimental conditions. In addition, current studies have demonstrated there are no mutagenic or genotoxic effects caused by exposure to sulfuryl fluoride.

#### **Safety Precautions and Homeowner Preparation**

- Discuss the treatment program in advance with your pest control company so you fully understand what will be done and what you need to do.
- Carefully follow the instructions you are given about what items you are to remove from your building.
- Stay out of the treated building until it is cleared for reentry.
- If you are interested or concerned, you should ask your pest control company to show the records of how your building was aerated before it was cleared to reentry.
- You may wish to increase ventilation by opening doors and windows.

If you have specific questions about your fumigation, refer to documents provided by the fumigator or call the fumigator listed on the warning signs posted on your structure. Call the Dow AgroSciences Customer Information Center at 1-800-352-6776 if you need additional information or have questions concerning the product.

## **Hoja Informativa de Vikane\* (Fluoruro de Sulfurilo)**

Cumpliendo con el compromiso de Dow AgroSciences en la administración del producto, el propósito de éste boletín es dar información básica acerca del producto y de su uso. Si tiene preguntas específicas acerca de su fumigación, lea los documentos que el fumigador le dió o llame al fumigador en el cartel aviso en su edificio. Si usted tiene preguntas adicionales acerca de Vikane (el fumigante) o de los procedimientos descritos, llame al Servicio Informativo del Consumidor de Dow AgroSciences al 1-800-352-6776.

### **Por Qué Se Fumigan Los Edificios**

Los insectos que se alimentan o hacen túneles en la madera pueden causar daños severos a las casas, departamentos, otras viviendas y estructuras. Cada año las termitas y otros insectos destructivos de la madera, causan daños a más o menos 2 millones de casas. Dependiendo de la extensión y ubicación de la infestación, la fumigación es el único método de control total que se ha comprobado elimina ciertas infestaciones de insectos destructores de la madera.

### **Cómo Se Fumigan Los Edificios**

Debido a que Vikane es un gas, la estructura tiene que sellarse completamente antes de la fumigación. Esto tiene el propósito de contener el Vikane en el edificio para que pueda penetrar eficazmente y eliminar la plaga. Dependiendo de la construcción del edificio, las puertas y ventanas podrían sellarse con cinta adhesiva y membrana de plástico, o la estructura podría cubrirse con una carpa. El edificio permanecerá sellado de 2-72 horas dependiendo en las especificaciones del trabajo. Alrededor del edificio se colocaran señales de advertencia notificando a la gente que se mantenga afuera del edificio.

Después que se quite la carpa o la cinta adhesiva, un fumigador profesional abrirá puertas y ventanas con el objeto de airear la estructura. También se puede utilizar ventiladores para renovar el aire del edificio. Una vez que la residencia se haya aireado completamente, el fumigador tiene que medir el nivel de fumigante que queda en el espacio habitable, para asegurarse que esté bajo la concentración aprobada por EPA para que los ocupantes puedan entrar nuevamente al edificio. Niveles extremadamente bajos del fumigante pueden quedar por un corto tiempo en espacios entre las paredes y en el interior de los armarios, como así también en materiales porosos como el de los muebles. En éstas áreas, pequeñas cantidades de fumigante continuarán disipándose por algunas horas después de la fumigación, pero a niveles más bajos de los establecidos para volver a entrar sin peligro. La entrada a su edificio no puede permitirse hasta que esté libre de peligro. El fumigador colocará avisos en su edificio indicando el día y la hora que puede entrar nuevamente. Las estructuras se pueden ocupar sólo cuándo la concentración es de 5ppm o menos (esto representa un margen de seguridad - animales de laboratorio no han presentado efectos adversos después de exponerse a 100 partes por millón durante 2 semanas). Debido a que Vikane es un gas puro y no un vapor, la aireación es rápida. Estudios recientes han demostrado que después de 6 horas del despeje, en la mayoría de las

\*Marca Registrada de Dow AgroSciences LLC

Vikane es un Pesticida de Uso Restringido por el Gobierno Federal.

estructuras, los niveles son de menos de 1 parte por millón, y después de 24 horas de haber empezado la aireación no se encuentran niveles detectables de Vikane. El fluoruro de sulfurilo es un gas incoloro e inodoro, debido a éstas propiedades al usarlo se agrega un agente de advertencia que causa ojos lagrimosos e irritación de las garganta. Si usted siente éstos síntomas en una estructura que ha sido fumigada recientemente, abandónela inmediatamente y llame a la compañía de control de plagas para que vuelva a medir los niveles de residuo en el edificio.

### **FLUORURO DE SULFURILO (POSIBILIDAD DE RIESGOS A LA SALUD DEBIDO A UNA EXPOSICION EXCESIVA)**

El fluoruro de sulfurilo es un gas y puede entrar a su cuerpo potencialmente sólo por inhalación. Por ser un gas, no permanece en superficies secas, por lo tanto, no habrá riesgo de una exposición al tocar las superficies tratadas.

#### *Sistema nervioso e irritación al sistema respiratorio:*

Una exposición excesiva a niveles altos de fluoruro de sulfurilo pueden provocar irritación de la nariz y garganta, y náuseas. En altas concentraciones (como las que se usan al fumigar) puede causar exceso de líquido en los pulmones, somnolencia, pulmonía, y convulsiones. Estos síntomas podrían aparecer dentro de 8 horas después de haber sido expuesto. En la remota posibilidad de sufrir éstos síntomas en un edificio que ha sido fumigado recientemente, usted debe abandonarlo inmediatamente. Consulte con su médico y llame a la compañía de control de plagas para que vuelva a medir los niveles de residuo en el edificio.

#### *Estudios Adicionales:*

El fluoruro de sulfurilo no ha demostrado causar defectos de nacimiento en animales preñados y expuestos bajo condiciones experimentales. Además, estudios recientes han demostrado que no hay efectos mutagénicos o genotóxicos causados por la exposición a fluoruro de sulfurilo.

### **PRECAUCIONES DE SEGURIDAD Y PREPARATIVOS DE LOS PROPIETARIOS**

- Discuta de antemano el programa de tratamiento con su compañía de control de plagas de manera que usted entienda lo que se va hacer y lo que usted tiene que hacer.
- Siga cuidadosamente las instrucciones que le den acerca de las cosas que usted tiene que sacar de su edificio.
- Permanezca fuera del edificio hasta que se declare libre de peligro para volver a entrar.
- Si usted está interesado o preocupado, puede pedir a su compañía de control de plagas que le muestre el informe de como se hizo la aireación de su edificio para declararlo libre de peligro para volver a entrar.
- Si usted desea, podría aumentar la ventilación abriendo puertas y ventanas.

**Si tiene preguntas específicas acerca de su fumigación, lea los documentos que el fumigador le dió o llame al fumigador en el cartel de aviso en su edificio. Llame a Dow AgroSciences, al Servicio Informativo del Consumidor al 1-800-352-6776 si usted necesita información adicional o tiene preguntas acerca del producto.**