

Medical, Dental and Veterinary Facility Preparation for Vikane Gas Fumigant

According to the Vikane* gas fumigant label, food, feed, drugs, and medicinals not in plastic, glass, or metal bottles, cans, or jars with the original manufacturer's air-tight seal intact, need to be removed from the fumigation site or double bagged in Nylofume* bags. In addition to drugs and medicinals, medical, dental, and veterinary facilities have many supplies and equipment that frequently generate questions from fumigators. As a rule of thumb, any material that will be injected, ingested, or inhaled will require preparation. Below are three categories of supplies and equipment needing preparation.

Fumigators should consider preparing their own checklist for medical, dental and veterinary facilities. It is recommended that fumigators require the physician, dentist, or veterinarian in charge to acknowledge in writing that all required items listed have been identified and prepared prior to the fumigation.

Solution-Filled Plastic Bags

Unless bags that contain solutions to be administered intravenously or orally are airtight, these solution bags should be removed from the fumigation site or double bagged in Nylofume bags. Please refer to the Vikane Structural Fumigation Manual for bagging instructions for Nylofume bags.

Special Handling of Gas Line Tubing

Many of these facilities have respiratory gases (oxygen, nitrous oxide, etc.) supplied to rooms via gas lines. Unless the gas lines are airtight, Vikane may penetrate into the lines. For this reason, the fumigator must follow these steps:

1. If possible, seal and slightly pressurize all gas lines with fresh air or source gasses. Gas sources then should be turned off at the cylinders before fumigation.
2. After aeration, all gas lines must be opened and thoroughly purged with fresh air or source gasses.

Respiratory Equipment and Supplies

Ventilators, nebulizers, bulb syringes, ambu bags, nasal cannula or suction tubing and other respiratory equipment or supplies that could hold atmospheric gases must be purged with fresh air after the fumigation to expel any remaining gases.

X-Ray Equipment and Supplies

Vikane will not react with x-ray equipment, developing supplies or films. Therefore, x-ray equipment, developing supplies and films may remain in the fumigated structure.

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