

## RESTRICTED USE PESTICIDE DUE TO INHALATION TOXICITY

For sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

# Supplemental Labeling



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## Vikane<sup>®</sup>

EPA Reg. No. 62719-4

### Passenger Railcar Securing and Aeration Procedures for Vikane

#### ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Vikane<sup>®</sup> specialty gas fumigant before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Vikane according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Vikane.

**This supplemental label expires on July 1, 2010 and must not be used or distributed after this date.**

#### Guards

For fumigation of passenger railcars using Vikane, guards may be used in lieu of use of chloropicrin as a warning agent. Guards may be required in state or local regulations or by the customer. If chloropicrin is not used as a warning agent when fumigating passenger railcars with Vikane, then a guard is required.

#### Securing Procedures

Follow either Procedure #1 or Procedure #2 for securing railcars.

**Procedure #1:** A thorough walk through inspection must be performed of each railcar with doors being immediately locked upon leaving each car. Post a guard during fumigation introduction, exposure period, and aeration. Because a guard is posted, application of a warning agent is not required for passenger railcars.

**Procedure #2:** A thorough walk through inspection must be performed of each railcar with doors being immediately locked upon leaving each car. If no guard is posted, then apply a warning agent following instructions per label directions. To secure the passenger railcar against unauthorized entry during the fumigation exposure period, use a locking device or barricade on all exterior doors or doorways. A locking device or barricade must be demonstratively effective in preventing an exterior door or doorway from being opened using normal opening or entering processes by anyone other than the state licensed applicator in charge of the fumigation or persons in his/her on-site direct supervision. Consult state and local regulations for any supplementary instructions and local restrictions on securing against entry.

#### Passenger Railcar Aeration Procedures

Passenger railcars may be aerated using either of the following two aeration procedures (railcars must remain posted until cleared for re-occupancy):

**Aeration Procedure 1:**

If on-board railcar ventilation systems are not operable, aerate railcar for a minimum of 6 hours using the following procedure:

**Step (1):** Remove all tape, seals, and/or tarps.

**Step (2):** Open all exterior railcar doors.

**Step (3):** Open all internal doors such as cabinets, closets, appliances and sleeping berths.

**Step (4):** In sleeper cars, turn all mattresses askew to expose cavities beneath sleeping berths.

**Step (5):** Ventilate the railcars for a minimum of 1 hour with enough portable fans to provide a minimum 4000 cfm capacity per floor. A bilevel railcar would require 8000 cfm capacity or greater - 4000 cfm per floor. Direct fans in such a manner to create cross-ventilation of railcar.

**Step (6):** After the minimum 6-hour aeration time, railcars may be reoccupied when the concentration of Vikane is 1 ppm or less with all doors and windows closed and ventilation systems turned off as measured by a detection device with sufficient sensitivity such as an INTERSCAN, MIRAN [SapphIRe], or Spectros ExplorIR gas analyzers.

**Aeration Procedure 2:**

If on-board railcar ventilation systems are operable, actively ventilate the railcar for a minimum of 2 hours using the following procedures:

**Step (1):** Remove all tape, seals, and/or tarps.

**Step (2):** Open all exterior car doors.

**Step (3):** Open all internal doors such as cabinets, closets, appliances and sleeping berths.

**Step (4):** In sleeper cars, turn all mattresses askew to expose cavities beneath sleeping berths.

**Step (5):** Turn on all on-board Heating, Ventilation, Air-Conditioning (HVAC) systems and exhaust fans.

**Step (6):** In sleeper cars, turn on all operable wall or ceiling mounted fans.

**Step (7):** Ventilate the railcar with enough portable fans to provide a minimum 4000 cfm capacity per floor (in addition to on-board systems). A bilevel railcar would require 8000 cfm capacity or greater - 4000 cfm per floor. Direct fans in such a manner to create cross-ventilation of railcar.

**Step (8):** After the minimum 2 hours active ventilation/aeration, the railcar may be reoccupied when the concentration of Vikane is 1 ppm or less with all doors and windows closed and ventilation systems turned off as measured by a detection device with sufficient sensitivity such as an INTERSCAN, MIRAN [SapphIRe], or Spectros ExplorIR gas analyzers.

For more detailed information on the source and use of air monitoring devices or respirators, consult the Vikane Gas Fumigant Structural Fumigation Manual. Do not reoccupy fumigation site, i.e., vehicle, or move vehicle until aeration is complete. Warning signs must remain posted until aeration is determined to be complete.

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