



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Registration Division (7505P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

1015-77

Date of Issuance:

March 4, 2015

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Max Kill Vapo-Cide 2

Name and Address of Registrant (include ZIP Code):

Douglas Products & Packaging  
 1550 East Old 210 Highway  
 Liberty, MO 64068

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied, though the submission materials indicate the studies are in progress. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Richard Gebken, Product Manager 10  
 Invertebrate & Vertebrate Branch 2  
 Office of Pesticide Programs

Date:

03/04/2015

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No.1015-77."
4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSF:

- Basic CSF dated 8/5/2014

If you have any questions, please contact Michael Walsh at (703) 308-2972 or [walsh.michael@epa.gov](mailto:walsh.michael@epa.gov).

Sincerely,



Richard Gebken  
Product Manager 10  
Invertebrate & Vertebrate Branch 2  
Office of Pesticide Programs

Enclosure

# Max Kill Vapo-Cide 2

## NOT FOR USE OR STORAGE IN OR AROUND RESIDENTIAL SITES

AN EMULSIFIABLE CONCENTRATE FORMULATION FOR USE IN WAREHOUSES, SILOS, BULK BINS AND FOOD/FEED PROCESSING, FOOD/FEED MANUFACTURING, HANDLING AND STORAGE PLANTS CONTAINING NON-PERISHABLE, PACKAGED OR BAGGED RAW OR PROCESSED FOOD/FEED COMMODITIES OR BULK RAW OR PROCESSED FOOD COMMODITIES, AND IN THE NONFOOD/NONFEED AREAS OF FOOD/FEED HANDLING ESTABLISHMENTS

**Active Ingredient:**

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate)

5.0%

**Other Ingredients:\*\***

95.00%

**Total:**

100.00%

Contains 0.36 lb active ingredient per gallon

\*\*Contains petroleum distillates

### KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

**Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle.**

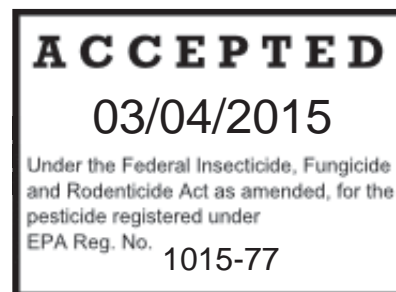
(If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
<b>If swallowed:</b>	<ul style="list-style-type: none"><li>• Immediately call a poison control center or doctor for treatment advice.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give any liquid to the person.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>NOTE TO PHYSICIAN</b>	May pose an aspiration pneumonia hazard. Contains petroleum distillates.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact CHEMTREC at 1-800-424-9300 for emergency medical treatment information.	

EPA Reg. No. 1015-  
EPA Est. No. 1015-MO-1

**Manufactured by:**  
Douglas Products & Packaging  
1550 East Old 210 Highway  
Liberty, MO 64068  
(816) 781-4250

Net Contents: (2.5, 5, 55 Gal.)  
Batch No. [non-refillable containers only]



**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Mixer, loaders, applicators and other handlers must wear:

- long-sleeved shirt
- long pants
- shoes and socks
- chemical-resistant gloves (such as Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride (PVC) or Viton)
- protective eyewear
- a NIOSH-approved respirator with
  - an organic vapor (OV) cartridge with a combination R or P filter, with NIOSH approval number TC-84A **or**
  - a NIOSH approved gas mask with an organic vapor canister with NIOSH approval number prefix TC-14G, **or**
  - NIOSH approved powered air purifying respirator with organic vapor (OV) cartridge in combination with HE filter, with NIOSH approval number prefix TC-23C.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**USER SAFETY RECOMMENDATIONS**

**Users Should:**

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

## **DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read entire label before using. Use strictly in accordance with the label and with applicable state and federal regulations.

### **LIQUID FORMULATION**

**FOR USE ONLY IN COMMERCIAL APPLICATION EQUIPMENT, SUCH AS CONVENTIONAL OR ULV FOGGING EQUIPMENT (SPACE TREATMENT)**

**USE IN HAND-HELD FOGGER OR HAND-HELD SMOKE GENERATOR EQUIPMENT IS PROHIBITED.**

**USE IN RESIDENTIAL SITES AS A CRACK AND CREVICE OR SPACE SPRAY IS PROHIBITED.**

**USE ON LAWNS, TURF OR ORNAMENTALS IS PROHIBITED.**

**USE IS ALSO PROHIBITED IN:**

- **The following food/feed manufacturing establishments: bottling plants (including wineries, breweries, soft drinks), frozen food/feed (including pizza plants and ice cream plants) excluding non-food/non-feed manufacturing areas.**
- **The following food/feed processing establishments: meat, poultry and seafood slaughtering and/or packing plants (including edible fats and oils), frozen food/feed plants (including fruit and vegetables), dairy product plants (including milk processing plants) excluding non-food/non-feed processing areas.**
- **Federally Inspected Meat and Poultry Plants**

FOR USE IN WAREHOUSES, SILOS, BULK BINS AND FOOD/FEED PROCESSING, FOOD/FEED MANUFACTURING, HANDLING AND STORAGE PLANTS CONTAINING NON-PERISHABLE, PACKAGED OR BAGGED RAW OR PROCESSED FOOD/FEED COMMODITIES OR BULK RAW OR PROCESSED FOOD/FEED COMMODITIES AND NON-FOOD/NON-FEED AREAS OF PROCESSING/MANUFACTURING PLANTS\*, FOR CONTROL OF INSECTS SUCH AS INDIAN MEAL MOTH, RED FLOUR BEETLE, CONFUSED FLOUR BEETLE, SAW-TOOTHED GRAIN BEETLE, MERCHANT GRAIN BEETLE, CIGARETTE BEETLE, DRUGSTORE BEETLE, AND GRANARY WEEVIL.

- \*Non-food/non-feed processing and manufacturing plant use areas include garbage rooms, lavatories, floor drains (to sewers entries and vestibules), offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).
- Keep a minimum of a 7-day interval between applications except on cocoa beans and raw (unshelled) peanuts where daily applications do not exceed 0.5 grams A.I. per 1,000 cubic feet of head space.
- Do not make applications when temperatures are below 60° F.
- The term "non-perishable" means any raw or processed food/feed not subject to rapid decay or deterioration that would render it unfit for consumption. Raw commodities would include: Animal feed, cocoa beans, dried beans, grain crops, peanuts, soybeans and nut crops. Raw commodities do not include eggs, milk,

meat, poultry, fish, fresh fruits and vegetables. Processed food/feed would include: flour, sugar, cereals, packaged goods and crackers. Processed food/feed do not include: hermetically sealed food/feed or manufactured dairy products and other processed food/feed requiring freezing or refrigeration.

- When using in food/feed processing, food/feed manufacturing, handling and storage areas:
  - Apply only during times when plant is not in operation and no food/feed products are exposed. If bulk, unpackaged food/feed is exposed, remove or cover before treatment begins.
  - All food/feed processing surfaces must be covered during treatment or thoroughly cleaned before using.
- All treatments must be made during the hours when buildings are unoccupied. Buildings treated must be closed and ventilation kept at a minimum during application. Lock all entrances and do not allow unprotected workers to enter building during treatment. Place WARNING signs at all entrances stating:

“THIS BUILDING MUST BE OPENED AND AIRED PRIOR TO REENTRY OF UNPROTECTED WORKERS. THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTIVE EQUIPMENT FOR 24 HOURS; OR, UNTIL A DIRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE (e.g. a Dräger Tube) INDICATES THAT THE DDVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN, 50% OF THE PEL (0.1 ppm). AN AIR CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT PERSONAL PROTECTION EQUIPMENT. DO NOT ENTER PRIOR TO \_\_\_\_\_ AM OR PM ON \_\_\_\_\_ (Date) WITHOUT PERSONAL PROTECTIVE EQUIPMENT UNLESS AIR CONCENTRATIONS OF DDVP ARE 50% OF THE PEL OR LESS.”

In California, the building cannot be reentered without personal protection for 24 hours, unless the DDVP air concentration is 0.01 ppm or less. WARNING signs must read:

"THIS BUILDING SHOULD BE OPENED AND AIRED PRIOR TO REENTRY OF UNPROTECTED WORKERS. THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENT FOR 24 HOURS; OR, UNTIL A DIRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE INDICATES THAT THE DDVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN 0.01 PPM. AN AIR CONCENTRATION OF 0.01 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT PERSONAL PROTECTION EQUIPMENT. DO NOT ENTER PRIOR TO \_\_\_\_\_ AM OR PM ON \_\_\_\_\_ WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF DDVP ARE AT OR BELOW 0.01 PPM."

#### **CONVENTIONAL APPLICATION METHOD**

Apply at the rate of 1 to 2 grams A.I. per 1,000 cubic feet or ½ to 1 oz. of liquid per 1,000 cubic feet. Check amount in insecticide tank or auxiliary tank before and after treatment to assure proper dosage has been applied.

## Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store product in original container in a cool, dry, locked place out of reach of children.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State pesticide or environmental control agency or the hazardous waste representative at the nearest EPA Regional Office for guidance.

### Container Handling:

**For plastic containers less than or equal to 5 gallons:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer container for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

**For metal containers less than or equal to 5 gallons:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Then offer container for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer container for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. **For metal containers greater than 5 gallons:** Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple Rinse as follows:** Empty remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer container for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.



### **CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties, and Limitations of Liability.

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as presence of other materials, or the manner of use or application, all of which are beyond the control of Douglas Products and Packaging. All such risks shall be assumed by the user or buyer.

To the extent consistent with applicable law, Douglas Products and Packaging makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Douglas Products and Packaging is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Douglas Products and Packaging disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Douglas Products and Packaging's election, the replacement of product.

[EPA approval date]