



**GARDEX CHEMICAL LTD.**

COMMERCIAL

Oil concentrate insecticide for use undiluted in ULV applications or diluted for use in ordinary mechanical fogging equipment or as a contact spray. **DO NOT APPLY WITH HANDHELD FOGGER.**

### **\*Vapona-20 ULV Concentrate**

\*TM/MD – Shell Canada Ltd./Ltée

**READ THE LABEL BEFORE USING**

**GUARANTEE:** Dichlorvos Technical 20%

**REGISTRATION NO. 16476 PEST CONTROL PRODUCTS ACT**

**DANGER**



**POISON**

**NET CONTENTS: 20 LITRES**

**Gardex Chemicals Ltd.**  
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**DIRECTIONS:**

GARDEX VAPONA-20 ULV CONCENTRATE is an oil concentrate, which can be diluted with base oil or used undiluted in ULV applicators. DO NOT APPLY WITH HANDHELD FOGGER.

- For ½% solution mix (1 part to 39 parts) 25 mL of GARDEX VAPONA-20 ULV CONCENTRATE with one litre base oil.
- For 1% solution mix (1 part to 19 parts) 50 mL of GARDEX VAPONA-20 ULV CONCENTRATE with one litre base oil.
- For 5% fogging solution mix 1 part GARDEX VAPONA-20 ULV CONCENTRATE with 3 parts base oil.

**INDOOR APPLICATIONS:** Turn off pilot lights, close all doors, windows and ventilators, lock or barricade all entrances and post warning signs. Vacate occupants. Remove unprotected food and cover food handling equipment before applying GARDEX VAPONA-20 ULV CONCENTRATE. Late afternoon application is preferable because the building can be closed all night. Workers may re-enter building next day after ventilating. For use in fogging machines use a 5% fogging solution.

**FOOD PROCESSING PLANTS, INDUSTRIAL PLANTS, THEATRES AND WAREHOUSES:** For control of exposed stages of confused flour beetle, almond moth, fruit flies, flour beetle, gnats, rice weevil, and wasps.

1. ULV apply 60-150 mL of GARDEX VAPONA-20 ULV CONCENTRATE per 1000 m<sup>3</sup>.
2. Fogging apply 300-700 mL of 5% fogging solution per 1000m<sup>3</sup>.

Repeat application as often as necessary to maintain control but not more often than once a week.

**TOBACCO WAREHOUSES:** For control of cigarette beetle and tobacco moth.

1. ULV apply 150-300 mL of GARDEX VAPONA-20 ULV CONCENTRATE to each 1000m<sup>3</sup> of space.
2. Fogging apply 700 mL – 1.4 L of 5% fogging solution to each 1000m<sup>3</sup> of space.

Make applications as often as necessary to maintain control.

**OUTDOOR MOSQUITO CONTROL:** Fog bushes and heavy foliage.

1. ULV application use GARDEX VAPONA-20 ULV CONCENTRATE undiluted in machines designed to disperse ultra low volume such as Micro-Gen. Apply close to the ground at the rate of 250-600mL per hectare.
2. Fogging- prepare a 1% fogging solution and apply in early morning or late evening when air currents are at a minimum. Use a dry fog for best results.

**USE AS A SPACE SPRAY:**

1. Sheds, stables, livestock barns, loafing sheds, pigpens, outdoor areas. For the control of flies, gnats, mosquitoes, cockroaches, fleas and sow bugs. Prepare a ½% spray as outlined above and apply as a coarse wet spray at the rate of 5 litres of spray per 100m<sup>2</sup>. Remove animals and close all windows and doors. Thoroughly ventilate building before returning animals.
2. Poultry Houses: to control flies, gnats, mosquitoes, cockroaches, fleas and sow bugs. Prepare a ½% spray. Apply to windowsills and outside of penned enclosures at the rate of 5 litres spray per 100m<sup>2</sup>.

3. Outdoor living areas, picnic grounds, backyard areas, patios, latrines, loading docks, parking areas, refuse areas and other areas around buildings: To control flies, gnats, mosquitoes, fleas, ants and sow bugs. Prepare a ½% spray and apply at the rate of 5 litres spray per 100m<sup>2</sup>.
4. Around dwellings and other buildings: To control honeybees, paper nest wasps, hornets and yellow jackets. Prepare a 1% spray. Soak areas of colonies where insects congregate; apply at night when insects are inactive for greatest safety. Do not apply to areas of vegetation since serious injury will result.

**ENVIRONMENTAL PRECAUTIONS:** This product contains a petroleum distillate, which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

**PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.** Do not contaminate food-handling equipment. Do not get on skin or eyes. Do not breathe fumes. Wear natural rubber or chemical resistant gloves and coveralls when handling. Wear a mask or respirator offering protection against Dichlorvos insecticide. Destroy used gloves. Wash contaminated clothing before re-use. Keep in original container. Do not store near nor contaminate litter feed or foodstuffs. Do not contaminate streams, lakes, ponds, irrigation water, water used by livestock or water used for domestic purposes. Keep product away from flame or heat. Do not use in milk rooms or milk processing rooms. Do not use in areas where bee-keeping equipment or supplies are stored. Wash after using and before eating, drinking or smoking. In meat packing and food processing plants, only spray when plant is not in operation. No exposed meat products, ingredients or packaging materials to be left in the room and cover food-handling equipment. Any treated surface that may contact meat food products or other food products should be washed and rinsed thoroughly with potable water after spraying and before re-use for food processing.

**FIRST AID: In case of skin or clothing contact,** take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice. **In case of eye contact,** hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice. **If swallowed,** call a poison control centre or doctor immediately for treatment advice. **Do not** induce vomiting unless told to do so by a poison control centre or doctor. **Do not** give any liquid to the person. **Do not** give anything by mouth to an unconscious person. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:****This product contains Petroleum Distillates.**

Symptoms of poisoning include weakness, headache, tightness in chest, blurred vision, non-reactive pinpoint pupils, salivations, sweating, nausea, vomiting, diarrhea and abdominal cramps. If there are signs of parasympathetic stimulation, atropine sulphate should be injected at 10-minute intervals, in doses of 1 to 2 milligrams until complete atropinization has occurred. Morphine is contraindicated. Clear chest by postural drainage.

**DISPOSAL:** 1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank. 2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal. 3. Make the empty container unsuitable for further use. 4. Dispose of the container in accordance with provincial requirements. 5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offense under the *Pest Control Product Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.