

1 This label has been updated according to the re-evaluation decision of
2 Tetrachlorvinphos SRD2021-01. While users are encouraged to follow this updated
3 label immediately, the previously approved label is valid until 03/03/2023 in accordance
4 with the phase out period set out in the re-evaluation/special review decision of
5 Tetrachlorvinphos SRD2021-01. This previously approved label will be provided upon
6 request by emailing hc.pmra.info-arla.sc@canada.ca. In your email please include the
7 product name and Registration number of the label you are requesting.
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Debantic™ 50WP
Bag Label (English)

GROUP	1	INSECTICIDE
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<Elanco Logo>

<Graphic>
Flies

<Graphic>
Litter Beetles

Debantic™ 50WP
Insecticide
Poultry and Livestock Premise Spray

<Graphic>
Barns/Stables

AGRICULTURAL

For control of the lesser mealworm (the darkling beetles *Alphitobius diaperinus*) and other listed pests

<Graphic>
Kennels

ACTIVE INGREDIENT: Tetrachlorvinphos - 50% w/w

<Graphic>
Coops

REGISTRATION NUMBER 17415 PEST CONTROL PRODUCTS ACT

CAUTION-POISON



<Graphic>
Feeding Areas

READ THE LABEL BEFORE USING

NET CONTENTS: 2 Kg

Elanco Canada Limited
1919 Minnesota Court, Suite 401
Mississauga, Ontario L5N 0C91-800-265-5475

In case of spills, poisoning or fire, call your provincial emergency response line.

81 **DIRECTIONS FOR USE**

82 Use Debantic 50WP as part of an overall integrated pest management (IPM) program.

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84 Debantic 50WP Insecticide Poultry and Livestock Premise Spray is suitable for use in
 85 conventional power or low pressure knapsack sprayers. Agitation is recommended to
 86 prevent undue settling of the suspension. Follow the USE DIRECTIONS for the proper
 87 percent solution needed for a specific insect and areas or types of wall surfaces. Refer
 88 to DILUTION TABLE for the quantity of insecticide needed to make the percent solution
 89 recommended.

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91 **PREMISES USE DIRECTIONS**

INSECT	PROBLEM AREAS	% SOLUTION	REMARKS
Flies	Dairy barns, poultry houses, swine barns, other animal buildings.	2.0%	For dry whitewashed wood or concrete block surfaces, apply 8 litres of solution/100 sq. m.
		1.0%	For unpainted wood or painted concrete block surfaces, apply 8 litres of solution/100 sq. m.
		1.0%	For masonite or galvanized sheet metal surfaces, apply 4 litres of solution/100 sq. m.
Maggots	Poultry droppings, manure piles, garbage piles, under feed troughs	1.0%	Apply 4 litres of solution/10 sq. m. Penetrate problem area first time - repeat every 7-10 days thereafter.

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93 **POULTRY USE DIRECTIONS (DO NOT APPLY TO RESIDENCES)**

INSECT	TYPE OF HOUSING	% SOLUTION	REMARKS
Lice & Mites	Wire Cages	0.5%	Apply directly to birds (4 litres/100 birds). Spray vent and fluff areas from below. Repeat when necessary. Do not repeat more often than every 14 days. For individual bird treatment, apply 30 mL of the mixture per bird. NOTE: For maximum lasting control of the northern fowl mite, penetration of the feathers around the vent area is essential. Use power sprayer at 7-9 kg/sq cm at no less than recommended pressure. More attention must be given to each individual bird when using low-pressure equipment. Treat roosters carefully and thoroughly to avoid re-infestation in breeding flocks.

	Floor Management Dust Box	50% WP	Mix evenly throughout top layer of box contents with tool (i.e., shovel) using 150 g/100 birds. DO NOT mix box contents with hands.
Lice, Mites & Larvae and adults of the lesser mealworm (the darkling beetle, <i>Alphitobius diaperinus</i>)	Floor Management Roost Paint	1.0%	Treat with brush or spray thoroughly, particularly cracks and crevices using 145-165 mL/10 m.
	Floor Management Litter	1.0%	Apply 1-4 litres/100 sq. m. evenly for penetration to litter surface. Also apply thoroughly to walls, roost, cracks, crevices and interiors. Spray birds lightly.
Fowl Tick	All Types	1.0%	Apply 3 litres/10 sq. m. thoroughly to walls, ceilings, floor cracks and crevices with a power sprayer. DO NOT apply more than 9 kg of product [4.5 kg a.i.] per day. This is equivalent to spraying 450 L of 1% solution in a single day.

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DILUTION TABLE

AMOUNT (kg) OF 50% WETTABLE POWDER	AMOUNT OF WATER		
	0.5% SOLUTION	1% SOLUTION	2% SOLUTION
¼ kg	25 litres	12 1/2 litres	6 1/4 litres
1	100 litres	50 litres	25 litres
2	200 litres	100 litres	50 litres
4	400 litres	200 litres	100 litres

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PRECAUTIONS

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KEEP OUT OF REACH OF CHILDREN AND LIVESTOCK.

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Harmful if swallowed or absorbed through skin. Avoid breathing spray mist and dust.

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DO NOT get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after

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handling and before eating or smoking. Avoid contamination of feed and foodstuffs.

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Store apart from food and feed in a cool place. This product is toxic to fish. DO NOT

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contaminate water by disposal of this product. DO NOT re-use empty container. DO

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NOT apply when people or pets are present. DO NOT allow people or pets to enter

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treated areas until sprays have dried. DO NOT apply by handheld mist blower or fogger.

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DO NOT apply as a space spray. DO NOT apply to overhead areas or in confined

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spaces without appropriate respiratory and eye protection.

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Ventilate treated areas after application either by opening windows and doors or using

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fans, where required, to aid in the circulation of air. Air exchange/ventilation systems

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confirmed to be operational may also be used.

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This product is not to be used in or around homes or other residential areas such as

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parks, school grounds and/or playing fields. Residential areas are defined as any use

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site where the general public, including children, could be exposed during or after

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application. It is not for use by homeowners.

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Activity	Required Protective Equipment
Loading and mixing powder/dust to poultry dust boxes.	Long-sleeved shirt, long pants, socks and shoes, chemical-resistant gloves, and a NIOSH-approved N95 (minimum) filtering face-piece respirator (dust mask) that is properly fit tested.
Mixing and loading wettable powder with water and/or applying the solution with a backpack or mechanically pressurized handgun.	Coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, socks and shoes, and a respirator with a NIOSH-approved

	organic-vapour-removing cartridge with a prefilter approved for pesticides, or a NIOSH approved canister approved for pesticides.
Mixing and loading wettable powder with paint and/or applying the mixture with a paintbrush or airless sprayer.	Long-sleeved shirt, long pants, socks and shoes, and chemical-resistant gloves.

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122 **FIRST AID**

123 **IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment
 124 advice. Have person sip a glass of water if able to swallow. Do not induce vomiting
 125 unless told to do so by a poison control centre or doctor. Do not give anything by mouth
 126 to an unconscious person.

127 **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an
 128 ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
 129 Call a poison control centre or doctor for further treatment advice.

130 **IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately
 131 with plenty of water for 15-20 minutes. Call a poison control centre or doctor for
 132 treatment advice.

133 **IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes.
 134 Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye.
 135 Call a poison control centre or doctor for treatment advice.

136 Take container, label or product name and Pest Control Product Registration Number
 137 with you
 138 when seeking medical attention.

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140 **TOXICOLOGICAL INFORMATION**

141 Tetrachlorvinphos is a cholinesterase inhibitor. Typical symptoms of overexposure to
 142 cholinesterase inhibitors include headache, nausea, dizziness, sweating, salivation,
 143 runny nose and eyes. This may progress to muscle twitching, weakness, tremor,
 144 incoordination, vomiting, abdominal cramps and diarrhea in more serious poisonings. A
 145 life-threatening poisoning is signified by loss of consciousness, incontinence,
 146 convulsions and respiratory depression with a secondary cardiovascular component.
 147 Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may
 148 indicate degree of exposure (baseline data are useful). Atropine, only by injection, is
 149 the preferable antidote. Oximes, such as Pralidoxime Chloride, may be therapeutic if
 150 used early; however, use only in conjunction with atropine. In cases of severe acute
 151 poisoning, use antidotes immediately after establishing an open airway and respiration.
 152 With oral exposure, the decision of whether to induce vomiting or not should be made
 153 by an attending physician.

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155 **DISPOSAL**

- 156 1. Triple-or pressure-rinse the empty container. Add the rinsings to the spray
 157 mixture in the tank.
- 158 2. Follow provincial instruction for any required additional cleaning of the container
 159 prior to its disposal.

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- 160 3. Make the empty container unsuitable for further use.
- 161 4. Dispose of the container in accordance with provincial requirements.
- 162 5. For information on disposal of unused, unwanted product, contact the
- 163 manufacturer or the provincial regulatory agency. Contact the manufacturer and
- 164 the provincial regulatory agency in case of a spill and for clean-up of spills.
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166 **NOTICE TO USER**

167 This pest control product is to be used only in accordance with the directions on the
168 label. It is an offense under the *Pest Control Products Act* to use this product in a way
169 that is inconsistent with the directions on the label.

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