



GROUP	1	INSECTICIDE
-------	---	-------------

Debantic 50WP Insecticide Poultry and Livestock Premise Spray

AGRICULTURAL

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

ACTIVE INGREDIENT: Tetrachlorvinphos - 50% w/w

REGISTRATION NUMBER 17415 PEST CONTROL PRODUCTS ACT

CAUTION-POISON

READ THE LABEL BEFORE USING

NET CONTENTS: 2 Kg

Bayer Inc.
2920 Matheson Boulevard East
Mississauga, Ontario
L4W 5R6
1 888 663 5326

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

DIRECTIONS FOR USE

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

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

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.

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 using 150 g/100 birds.
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.
	Floor Management Litter	50% WP	Treat evenly and thoroughly using 75 g/10 sq. m. Use a rotary or mechanical duster. (Wear dust mask during this operation).
Fowl Tick	All Types	1.0%	Apply 3-4 litres/10 sq. m. thoroughly to walls, ceilings, floor cracks and crevices with a power sprayer.

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

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN AND LIVESTOCK.

Harmful if swallowed or absorbed through skin. Avoid breathing spray mist and dust. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Avoid contamination of feed and foodstuffs. Store apart from food and feed in a cool place. This product is toxic to fish. Do not contaminate water by disposal of this product. Do not re-use empty container.

Operator Function by Use Pattern	Required Protective Equipment
Applying WP formulation as a dust. Mixers, loaders and applicators using dusting equipment. Loaders and others handling dust bags.	Coveralls over long sleeves and long pants, chemical-resistant gloves and dust/mist respirator. Single layer clothing and chemical-resistant gloves.
Applying WP formulation in egg and broiler facilities. Mixers, loaders and applicators using low pressure hand-wand activities.	Coveralls over long sleeves and long pants, chemical-resistant gloves and dust/mist respirator.
Applying WP formulation with backpack spraying. Mixers, loaders and applicators.	Single layer clothing (i.e. long sleeves and long pants, chemical-resistant gloves and dust/mist respirator.

FIRST AID

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

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

IF ON SKIN OR CLOTHING: 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.

IF IN EYES: 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.

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

TOXICOLOGICAL INFORMATION

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

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 Products Act* to use this product in a way that is inconsistent with the directions on the label.

® TM see www.bayer.ca/tm-mc

260617