

Environmental Information Sheet

INDAR[®] 5EW MAPP 09518/16014



An oil in water emulsion formulation containing 50 g/litre fenbuconazole, a triazole fungicide for use in apples and pears

Maximum individual dose: 1.4 l/ha (70 gas/ha fenbuconazole)

Maximum no. of treatments: 4 per year

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>INDAR 5EW is not classified as “<i>Harmful to game, wild birds and animals</i>”.</p> <p>No risk management is necessary. INDAR 5EW has low toxicity to mammals and birds. It poses a low risk to birds and mammals living and feeding in treated areas.</p>
<p>2. BEES</p>	<p>No risk management necessary. INDAR 5EW has a low risk to honeybees and there is no requirement to avoid application of the product when bees may be foraging on flowering weeds.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>INDAR 5EW has a low risk to non-target arthropods such as parasitic wasp (<i>Aphidius rhopalosiphii</i>), predatory mites (<i>Typhlodromus pyri</i>), ladybird (<i>Coccinella septempuncta</i>) and lacewing (<i>Chrysoperla carnea</i>). No risk management necessary.</p>
<p>4. AQUATIC LIFE</p>	<p>INDAR 5EW is classified “<i>Toxic to aquatic organisms with long lasting effects</i>”.</p> <p>INDAR 5EW has a high toxicity to fish, <i>Daphnia</i> (water fleas) and algae. Care must be taken to avoid contamination of water with the product or its container.</p> <p>Risk management is essential. INDAR 5EW can be used safely providing care is taken to prevent spray drift reaching surface waters. The following risk management practices must be observed;</p> <p><i>“To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements. DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted applications to fall within 15 m of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5 m of the top of a ditch which is dry at the time of application. Aim spray away from water.”</i></p> <p>Buffer zones may be reduced (see LERAP guidelines).</p>

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5. SOIL and GROUNDWATER	Fenbuconazole and its breakdown products are very persistent. The active substance is not mobile; breakdown products have low to moderate mobility. When used as recommended there is a low risk of groundwater contamination.
Earthworms	INDAR 5EW has a moderate toxicity and low risk to earthworms. No risk management necessary.
Soil Micro-organisms	No risk management necessary. At the recommended application rate INDAR 5EW has negligible effects on soil microbial respiration and nitrogen transformations. The risk to soil microbial activity is therefore low.
6. NON-TARGET PLANTS	INDAR 5EW is a fungicide. When used as recommended, INDAR 5EW is not expected to have any adverse effects on non-target plants.

ALWAYS READ THE LABEL: USE PESTICIDES SAFELY

Care must be taken to minimise the risk of surface water contamination from farmyard and field sources.

For further information about the environmental profile of this product contact:-

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This Environmental Information Sheet was prepared in accordance with CPA Guidance Notes Version 4.

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