

Environmental Information Sheet

[DUPLOSAN KV] MAPP [12073]

For CPA
Office use
only

A soluble concentrate formulation containing 600g/L mecoprop-p as potassium salt (phenoxy herbicide) for use in cereals and grass crops.

Maximum application rate: grass crops – 2.5 litres/ha

Maximum number applications / Maximum total dose: 2 per crop

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Duplosan KV is not classified as '<i>Harmful to game, wild birds and animals</i>'</p> <p>No risk management necessary to protect wild mammals and birds. Mecoprop-p, the active substance in Duplosan KV, is of moderate toxicity to mammals and birds. However, the risk to wild mammals and birds feeding on treated areas is low due to the limited amount of residues likely to be consumed.</p>
<p>2. BEES</p>	<p>No risk management necessary. Duplosan KV is of low toxicity to bees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management necessary. Duplosan KV poses a low risk to a range of arthropod species commonly found in and around treated fields, including beetles and aphid parasitoids.</p>
<p>4. AQUATIC LIFE</p>	<p>Duplosan KV is classified as "<i>Harmful to aquatic organisms</i>"</p> <p>Duplosan KV is of low toxicity to fish and of moderate toxicity to algae and aquatic invertebrates e.g. water flea. "<i>Do not contaminate surface waters or ditches with chemical or used container.</i>"</p> <p>No risk management necessary. When Duplosan KV is used according to the label instructions there will not be sufficient contamination of water to present a risk to aquatic life</p> <p>Duplosan KV is not categorised under the LERAP scheme.</p>

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<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>Mecoprop-p has low persistence in soil and is moderately mobile in soil.</p> <p>No risk management necessary. Use of Duplosan KV according to the label presents low risk to ground water.</p> <p>No risk management necessary. Duplosan KV is moderately toxic to earthworms, however, at recommended application rates, the risk to earthworms is low.</p> <p>No risk management necessary. No effects on soil microbial processes were found and so the risk is considered to be low.</p>
<p>6. NON-TARGET PLANTS</p>	<p>Duplosan KV is a broad spectrum herbicide and maybe harmful to some species of wild flowers with are found at the margin of fields. Care should be taken to avoid spray drift into headlands and field boundaries such as hedgerows which may provide an important habitat for wild flowers.</p> <p><i>"Avoid drift onto all broadleaved plants outside the target area"</i></p>

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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