Environmental Information Sheet FLEXIDOR 125 MAPP 10946 (PCS 00638)



A 125 g/litre suspension concentrate formulation containing isoxaben, a benzamide residual herbicide, for use in fruit crops, vines, hops, forestry, ornamental plant production and amenity vegetation.

Maximum application rate: 2 litre/ha (250 g a.s./ha) maximum twice/year

	Section	Profile
1.	WILDLIFE	FLEXIDOR 125 is not classified as "Harmful to game, wild birds and animals".
	Mammals and Birds	No risk management is necessary. FLEXIDOR 125 has a low toxicity to birds and mammals. It poses a low risk to birds and mammals living and feeding in treated areas.
2.	BEES	No risk management necessary. FLEXIDOR 125 is of low risk to honeybees.
3.	NON TARGET INSECTS AND OTHER ARTHROPODS	No risk management necessary. FLEXIDOR 125 poses a low risk to a range of arthropod species, such as carabid beetles (<i>Poecilus cupreus</i>), lycosid spider (<i>Pardosa sp.</i>), predatory mite (<i>Typhlodromus pyri</i>) and parasitic wasp (<i>Aphidius rhopalosiphi</i>).
4.	AQUATIC LIFE	No risk management necessary. FLEXIDOR 125 has a low toxicity to fish, <i>Daphnia</i> (water fleas) and algae but is extremely toxicity to <i>Lemna sp.</i> (aquatic plant). Care should always be taken to ensure that surface waters or ditches are not contaminated through spillage or with the used container Not categorised under the LERAP scheme

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5.	SOIL and GROUNDWATER	The active ingredient in FLEXIDOR 125, isoxaben, is very persistent in soil but long-term field studies have shown that residues do not accumulate following successive applications. Isoxaben has a low mobility in soil. Field studies and modelling have shown there is a low risk of groundwater contamination.
	Earthworms	FLEXIDOR 125 has a low toxicity to earthworms. The risk to earthworms is low and no risk management is necessary.
	Soil Micro-organisms	No risk management necessary. FLEXIDOR 125 at ten times the recommended rate had no significant effects on soil microbial respiration or nitrogen transformations. The risk to soil microbial activity is therefore low.
6.	NON-TARGET PLANTS	FLEXIDOR 125 has a low herbicidal activity when applied to foliage. Therefore spray drifting onto the foliage of adjacent non-target plants poses a low risk.

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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