

Environmental Information Sheet

Junction MAPP Number 12493



A micro-emulsion formulation containing 6.25 g/litre florasulam, a triazolopyrimidine herbicide and 452 g/litre 2,4-D as the ethylhexyl ester (300g/litre acid equivalent), a phenoxy herbicide, for control of broad leaved weeds in managed amenity turf.

Maximum application rate: 1.2L/ha (7.5g florasulam and 542 g 2,4-D ester/ha)

Max. no. of applications: once per year.

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Junction is not classified as "<i>Harmful to game, wild birds and animals</i>".</p> <p>No risk management is necessary to protect mammals and birds. Junction has a low toxicity to birds and moderate toxicity to mammals. 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 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>No risk management necessary. Junction poses a low risk to a range of arthropod species commonly found in and around treated areas, e.g. ground beetles, lacewings and aphid parasitoids.</p>
<p>4. AQUATIC LIFE</p>	<p>Junction is classified "<i>TOXIC TO AQUATIC ORGANISMS, may cause long-term adverse effects in the aquatic environment</i>". Care must be taken to ensure that water is not contaminated with the product or the used container. Junction has a low toxicity to fish and <i>Daphnia</i> (water flea) but is very toxic to algae.</p> <p>No risk management necessary. When used according to label instructions there will not be sufficient contamination of water to present a risk to aquatic life.</p> <p>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>Florasulam and 2,4-D have a low persistence in soil.</p> <p>Under laboratory conditions florasulam and 2,4-D are weakly adsorbed and considered to be highly mobile. However, under field conditions their rate of degradation is sufficiently rapid to prevent significant groundwater contamination. Use of Junction in accordance with the label presents a low risk to groundwater.</p> <p>Junction has a low toxicity to earthworms. The risk to earthworms is low and no risk management is necessary.</p> <p>Junction has a low risk to soil micro-organisms and no risk management is necessary.</p>
<p>6. NON-TARGET PLANTS</p>	<p>Junction is a post-emergence herbicide. Therefore <i>“Take extreme care to avoid drift onto non-target plants e.g. trees, shrubs, bedding outside the target area as this can cause severe damage”</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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