

Environmental Information Sheet

SYNERO Product Registration Number 14059



A water in oil emulsion formulation containing 30 g/litre aminopyralid (present as 36 g/litre aminopyralid potassium), a pyridinecarboxylic acid herbicide and 100 g/litre fluroxypyr (present as 144 g/litre fluroxypyr-methyl heptyl ester), a pyridinecarboxylic acid herbicide, for control of perennial and herbaceous weeds on non-crop-land.

Maximum application rate: 2 litres/ha (60 g aminopyralid and 200 g fluroxypyr/ha)

Maximum number applications: once per year

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>SYNERO 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. SYNERO has a low toxicity to mammals and birds. The risk to wild mammals and birds feeding in treated areas is low.</p>
<p>2. BEES</p>	<p>No risk management is necessary and there is no requirement to avoid applications of SYNERO when bees may be foraging on flowering weeds.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management is necessary.</p> <p>SYNERO poses a low risk to a range of arthropod species, such as lacewings, parasitic wasps and predatory mites.</p>
<p>4. AQUATIC LIFE</p>	<p>SYNERO is classified as '<i>TOXIC TO AQUATIC ORGANISMS. May cause long-term adverse effects in the aquatic environment</i>'. It has a high toxicity to fish and algae and moderate toxicity to Daphnia (water fleas). Care must be taken to ensure that surface waters or ditches are not contaminated with the product or the used container.</p> <p>No risk management necessary. When used according to the 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>Aminopyralid and fluroxypyr have a low to moderate persistence in soil. They are weakly adsorbed by soil and considered to be highly mobile. However, under field conditions their rate of degradation is sufficient to prevent significant contamination of groundwater. <i>'To protect groundwater do not apply to grassland within one year of sowing from seed'</i> Use of SYNERO in accordance with the label presents a low risk to groundwater.</p> <p>The risk to earthworms is low and no risk management is necessary. Aminopyralid and fluroxypyr have a low toxicity and SYNERO a moderate toxicity to earthworms.</p> <p>SYNERO is of low risk to soil micro-organisms. No risk management necessary in order to prevent risks to the processes of soil respiration and nitrogen turnover.</p>
<p>6. NON-TARGET PLANTS</p>	<p>SYNERO is a broad-leaved herbicide. <i>'Avoid damage by drift onto susceptible crops, non-target plants or waterways. Do not apply directly to, or allow spray drift to come into contact with agricultural or horticultural crops, amenity plantings, gardens, ponds, lakes or watercourses'. 'On level ground there is negligible lateral movement but do not apply SYNERO around desirable trees or shrubs or where their roots may take up a lethal dose, care should be taken on slopes to prevent leaching into areas where desirable shrubs, etc are present'</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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