

Environmental Information Sheet

CLERAVO MAPP 16877



A suspension concentrate containing 35 g/litre imazamox (pyridine carboxylic acid) and 250 g/litre quinmerac (quinolinecarboxylic acid herbicide) for use in Clearfield oilseed rape.

Maximum individual dose: 1.0 l product/ha.

Maximum number of treatments: One per crop.

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Cleravo 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. Imazamox and quinmerac are of low toxicity to mammalian and bird species.</p> <p>The risk to wild mammals and birds grazing on treated areas is low, as is the risk due to exposure from other routes, e.g. consumption of invertebrates such as insects.</p>
<p>2. BEES</p>	<p>No risk management is necessary. Cleravo is of low risk to bees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management is necessary. Cleravo is of low risk to a range of arthropod species commonly found in and around treated fields, e.g. ground beetles, spiders, lacewings, aphid parasitoids and predatory mites.</p>
<p>4. AQUATIC LIFE</p>	<p>Cleravo is classified as <i>“VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS”</i>.</p> <p>Cleravo is of moderate toxicity to aquatic invertebrates and fish, highly toxic to algae and extremely toxic to aquatic plants, e.g. duckweed.</p> <p><i>Do not contaminate water with the product or its container.</i> <i>Do not clean application equipment near surface water.</i> <i>Avoid contamination via drains from farmyards and roads.</i></p>

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<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>No risk management necessary. Imazamox is of low persistence in soil with high mobility. Quinmerac is of low persistence in soil with high mobility. Higher tier studies have shown that concentrations of imazamox in groundwater will be below 0.1 µg/l.</p> <p>Cleravo is of moderate toxicity to earthworms, however, no risk management necessary.</p> <p>No risk management necessary. At the recommended application rate, Cleravo has no effects on soil microbial respiration or nitrogen turnover. The risk to soil microbial activity is therefore low.</p>
<p>6. NON-TARGET PLANTS</p>	<p><i>“Extreme care is required to avoid spray drift on to neighbouring crops and non-target plants outside the target area, especially when spraying next to crop species that are more sensitive to CLERAVO e.g. potato, carrot, parsley, parsnip and herbs.”</i></p> <p>Cleravo is an herbicide with activity against a range of grasses and broadleaved weeds and may be harmful to species of wild flowers and also other crops. Therefore care should always be taken to minimise drift when applying Cleravo close to field boundaries.</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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