

# Environmental Information Sheet

CENTIUM<sup>®</sup> 360 CS MAPP 11607



A 360 g/litre capsule suspension formulation containing clomazone, an isoxazolidinone herbicide for pre-emergence control of a range of broad-leaved annual weeds in oilseed rape (winter and spring), field bean (winter and spring), vining pea and combining pea.

Max application rate : 0.25 litres product/hectare for combining pea (spring), vining pea, field bean (spring), oilseed rape (spring) and 0.33 litres product/hectare for oilseed rape (winter) and field bean (winter).

Max no. of applications: 1/crop.

Section	Profile
<p><b>1. WILDLIFE</b></p> <p><b>Mammals and Birds</b></p>	<p>Centium<sup>®</sup> 360 CS 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. Centium<sup>®</sup> 360 CS is of low toxicity to mammals and birds. It will therefore pose a low risk to grazing mammals e.g. rabbits, hares and deer that may consume recently treated weeds, or other mammals living in and around treated fields. The risk to mammals such as shrews consuming earthworms in fields treated with Centium<sup>®</sup> 360 CS will also be low.</p> <p>There will be low risk of adverse effects on birds nesting in or around treated fields or feeding on earthworms or insects in treated areas.</p>
<p><b>2. BEES</b></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><b>3. NON TARGET INSECTS AND OTHER ARTHROPODS</b></p>	<p>No risk management necessary. Centium<sup>®</sup> 360 CS poses a low risk to a range of arthropod species commonly found in and around treated fields, including ground beetles (e.g. <i>Poecilus cupreus</i>), predatory mite (<i>Typhlodromus pyri</i>) and aphid parasites (<i>Aphidius rhopalosiphi</i>).</p>
<p><b>4. AQUATIC LIFE</b></p>	<p>Centium<sup>®</sup> 360 CS is not classified as '<i>Dangerous to fish or other aquatic life</i>'. Centium<sup>®</sup> 360 CS is moderately harmful to certain aquatic higher plants, such as algae, and so care should be taken to minimise drift when applying Centium<sup>®</sup> 360 CS next to ponds, ditches or open water. 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 be insufficient contamination of water to present a risk to aquatic life.</p> <p>Not categorised under the LERAP scheme.</p>

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<b>5. SOIL and GROUNDWATER</b>	Centium <sup>®</sup> 360 CS is moderately persistent in soil. Follow label instructions carefully to avoid risk to subsequent crops. The active ingredient is moderately mobile in soil. When used at recommended rates of use there is no risk of contamination of groundwater
<b>Earthworms</b>	Centium <sup>®</sup> 360 CS is of moderately toxicity to earthworms. No risk management necessary at rates of use and timing recommended on the product label.
<b>Soil micro-organisms</b>	Centium <sup>®</sup> 360 CS 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 as applications made once only per crop, per year.
<b>6. NON-TARGET PLANTS</b>	Centium <sup>®</sup> 360 CS is a broad-spectrum herbicide and may be harmful to some species of wild plants that are found at the margins of fields. <i>'Extreme care must be taken to avoid drift onto non-target plants outside of the target area.'</i>

## 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 3 dated October 2002.

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