

Environmental Information Sheet

AURORA[®] MAPP 11613



A 50% WG formulation containing carfentrazone-ethyl, a triazolinone herbicide used as an agricultural herbicide for the control of broadleaved weeds in winter and spring wheat and barley, durum wheat, triticale and oats.

Max individual dose: 40 g product/hectare. Max no. of applications: 2/crop.

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Aurora[®] is not classified as '<i>Harmful to game and wildlife</i>'.</p> <p>No risk management is necessary to protect mammals and birds. Aurora[®] is of low toxicity to mammals and birds and 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 Aurora[®] 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>2. BEES</p>	<p>Low risk to bees. 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. Aurora[®] 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>4. AQUATIC LIFE</p>	<p>Aurora[®] is classified as 'Very toxic to aquatic organisms'. Aurora[®] is harmful to algae and certain aquatic higher plants, such as duckweed (<i>Lemna</i>), and so care should be taken to minimise drift when applying Aurora[®] next to ponds, ditches or open water. Care must be taken to ensure that waters are not contaminated with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.</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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5. SOIL and GROUNDWATER	Aurora® is of low persistence in soil. The active ingredient is however highly mobile in soil although no risk management is necessary providing the maximum rate of use of 40 g product per hectare and the maximum number of treatments is not exceeded (refined risk assessment has shown that the potential concentration of the active substance or relevant metabolites in groundwater will be below 0.1 µg/litre).
Earthworms	Aurora® is of moderate toxicity to earthworms, however, at the recommended application rate the risk to earthworms is low and no risk management is necessary.
Soil micro-organisms	Aurora® is unlikely to have any long-term effect on soil microbial activity. The risk is therefore considered to be low. No risk management is necessary.
6. NON-TARGET PLANTS	Aurora® is a broad-spectrum herbicide and may be harmful to some species of wild plants that are found at the margins of fields. Care must be taken to avoid drift onto broad-leaved plants outside of the target area.

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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Voluntary
Initiative

[®] Registered trademark of FMC Chemical, Boulevard de la Plaine 9, B-1050 Brussels, Belgium