

Environmental Information Sheet

For CPA
Office use
only

HIVE MAFF/MAPP 11392

A 730 g/l soluble concentrate formulation containing chlormequat chloride, a growth regulator for use in winter and spring wheat, winter and spring oats, winter barley, winter rye and ornamental plant production.

Maximum application rate:

Winter wheat, winter barley, spring and winter oats and winter rye 2.3L/ha

Winter wheat 1.6/ha split dose application followed by 0.65L/ha

Spring wheat 1.1L/ha

Section	Profile
1. WILDLIFE Mammals and Birds	Hive is not classified as ' <i>Harmful to game and wildlife</i> ' No risk management is necessary to protect wild mammals and birds. Chlormequat chloride, the active ingredient in Hive is of moderate toxicity to birds and mammals. The risk to wild mammals and birds grazing on treated crops is low.
2. BEES	No risk management necessary and there is no requirement to avoid application of the product when bees maybe foraging on flowering weeds.
3. NON TARGET INSECTS AND OTHER ARTHROPODS	No risk management necessary Hive poses a low risk to a range of arthropod species commonly found in and around treated fields.
4. AQUATIC LIFE	Hive is <i>harmful to aquatic organisms</i> Hive is of low toxicity to fish and algae and of moderate toxicity to daphnia and certain aquatic higher plants such as duckweeds (<i>Lemna</i>). <i>Do not contaminate surface waters or ditches with chemical or used container.</i> No risk management necessary. When Hive is used according to the label instructions there will not be sufficient contamination of water to present a risk to aquatic life. Not categorised under the LERAP scheme.

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5. SOIL and GROUNDWATER	<p>Hive is of moderate persistence in the soil. Chlormequat chloride can be considered moderately mobile and it is unlikely that the substance will reach anaerobic soil layers.</p> <p>Use of Hive in accordance with the label presents a low risk to groundwater, therefore no risk management is necessary.</p>
Earthworms	<p>Hive is of moderate toxicity to earthworms. Hive is unlikely to have any significant effects on earthworm populations. No risk management is necessary.</p>
Soil Micro-organisms	<p>No risk management necessary. No effects on soil microbial processes were found so the risk is considered low.</p>
6. NON-TARGET PLANTS	<p>When used according the product label, Hive should have no adverse effects on non-target plants. However as Hive is a plant growth regulator, care should be taken to avoid spray drift into non-target areas when applying 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 3.0

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