

Environmental Information Sheet

3C CHLORMEQUAT 750

MAPP 16690



A soluble concentrate containing 750 g/l chlormequat chloride (a quaternary ammonium plant growth regulator) for use in cereals.

Maximum individual dose: Varies with crop - see product label

Maximum total dose per crop: Varies with crop - see product label

Section	Profile
1. WILDLIFE Mammals and Birds	<p>3C Chlormequat 750 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. Chlormequat chloride, the active substance in 3C Chlormequat 750, is moderately toxic to mammalian and bird species. 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 insects.</p>
2. BEES	<p>No risk management necessary. 3C Chlormequat 750 is of low risk to bees.</p>
3. NON TARGET INSECTS AND OTHER ARTHROPODS	<p>No risk management necessary.</p> <p>3C Chlormequat 750 is of low risk to a range of arthropods species commonly found in and around treated fields including predatory mites, ground beetles and aphid parasitoids.</p>
4. AQUATIC LIFE	<p>3C Chlormequat 750 is of low toxicity to fish, algae and highly toxicity to aquatic invertebrates, e.g. water flea. <i>"Do not contaminate surface waters or ditches with chemical or used container."</i></p> <p>No risk management necessary. When 3C Chlormequat 750 is used according to the label instructions there will not be sufficient contamination of water to present a risk to aquatic life.</p> <p>3C Chlormequat 750 is 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>No risk management necessary. Chlormequat chloride is moderately persistent and moderately mobile in soil. However, use of 3C Chlormequat 750 according to the label is of low risk to groundwater.</p> <p>No risk management necessary. 3C Chlormequat 750 is of moderate toxicity to earthworms.</p> <p>No risk management necessary. No effect on soil microbial processes were found and so the risk is considered to be low.</p>
<p>6. NON-TARGET PLANTS</p>	<p>When used as recommended 3C Chlormequat 750 is not expected to have adverse effects on non-target plants. However, as 3C Chlormequat 750 is a plant growth regulator care should always be taken to "<i>avoid spray drift on to neighbouring crops</i>" and to minimise drift 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 4.

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