

Environmental Information Sheet

CHORD MAFF/MAPP 13928



A suspension concentrate formulation containing 210 g/litre boscalid (anilide fungicide in the carboxamide group) + 75 g/litre epoxiconazole (triazole fungicide) for use in wheat, barley and oats
 Maximum individual dose: 1.5 litres/ha (315 + 113 g a.s./ha),
 Maximum total dose: 3.0 litres/ha

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Chord 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. Boscalid and epoxiconazole, the active substances in Chord, are of low toxicity 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 earthworms or other invertebrates such as insects.</p>
<p>2. BEES</p>	<p>No risk management is necessary. Chord is of low risk to bees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management is necessary. Chord poses a low risk to a range of arthropod species commonly found in and around treated cereal fields, e.g. ground beetles, lacewings and aphid parasitoids.</p>
<p>4. AQUATIC LIFE</p>	<p>Chord is classified as <i>"Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment."</i></p> <p>Chord is of moderate toxicity to fish and aquatic invertebrates, e.g. water flea and of high toxicity to algae.</p> <p><i>"Do not contaminate surface waters or ditches with chemical or used container"</i>.</p> <p>Risk management is essential. Chord can be used safely providing care is taken to prevent spray drift reaching surface waters. The following risk management practices must be carried out in order to ensure that there is adequate protection of aquatic species.</p> <p><i>"DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water."</i></p> <p>LERAP Category B. Buffer zones maybe reduced (see LERAP Guidelines).</p>

Environmental Information Sheet

CHORD MAFF/MAPP 13928



Section	Profile
<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>No risk management necessary. Boscalid and epoxiconazole are very persistent in soil with low mobility. Epoxiconazole has been shown to remain in the top 10cm of soil and modelling studies with boscalid have shown there is a low risk of ground water contamination from the use of Chord.</p> <p>No risk management necessary. Chord is of low toxicity to earthworms. Field studies have also demonstrated that Chord is unlikely to have any adverse effect on earthworm populations in the long-term.</p> <p>No risk management necessary. At the recommended application rate, Chord 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>“Chord may cause damage to broad-leaved plant species”.</i> <i>“Avoid spray drift on to neighbouring crops”.</i></p> <p>Care should be taken to minimise the drift of Chord into conservation headlands, beetle banks and field boundaries such as hedgerows, which may provide an important habitat for wild flowers.</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:-

BASF plc, P.O. Box 4, Earl Road, Cheadle Hulme, Cheshire SK8 6QG
 Telephone: 0161 485 6222 Fax: 0161 486 0891

This Environmental Information Sheet was prepared in accordance with CPA Guidance Notes Version 4.

© copyright of BASF plc