

# Environmental Information Sheet

## HIGHGATE MAFF/MAPP 15251



A suspension concentrate containing 133 g/litre boscalid (anilide fungicide in the carboxamide group) and 60 g/litre metconazole (a triazole fungicide) for use in oilseed rape.

Maximum individual dose: 1.0 l/ha (133 + 60 g a.i./ha)

Maximum total dose: 2.0 l/ha

| Section   | Profile   |
|---|---|
| <p><b>1. WILDLIFE</b></p> <p><b>Mammals and Birds</b></p> | <p>Highgate 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, is of low toxicity to mammalian and bird species. Metconazole, is of moderate-high toxicity to mammals and of moderate toxicity to birds</p> <p>However, 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><b>2. BEES</b></p>                                     | <p>No risk management necessary. Highgate is of low risk to bees.</p>   |
| <p><b>3. NON TARGET INSECTS AND OTHER ARTHROPODS</b></p>  | <p>No risk management necessary. Highgate poses a low risk to a range of arthropod species commonly found in and around treated fields, including predatory mites, aphid parasitoids and lacewings.</p>   |
| <p><b>4. AQUATIC LIFE</b></p>                             | <p>Highgate is <i>'HARMFUL TO AQUATIC ORGANISMS, may cause long term adverse effects in the aquatic environment'</i>.</p> <p>Highgate is of moderate toxicity to fish, algae and aquatic invertebrates, e.g. water flea.</p> <p>Risk management is essential. Highgate can be used safely providing care is taken to prevent spray drift reaching surface waters. <i>"Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads. To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements"</i>.</p> <p>The following risk management practices must be carried out in order to ensure that there is adequate protection of aquatic species: <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 Environment 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> LERAP Category B. Buffer zones maybe reduced (see LERAP Guidelines).</p> |

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|---|---|
| <p><b>5. SOIL and GROUNDWATER</b></p> <p><b>Earthworms</b></p> <p><b>Soil Micro-organisms</b></p> | <p>No risk management necessary. Boscalid and metconazole are very persistent in soil with low mobility. Metconazole has been shown to remain in the top 15 cm of soil and modelling studies with boscalid have shown there is a low risk of ground water contamination from the use of Highgate.</p> <p>No risk management necessary. Highgate is of low toxicity to earthworms.</p> <p>No risk management necessary. At the recommended application rate Highgate has a negligible effect on soil microbial processes and therefore the risk to soil microbial activity is low.</p> |
| <p><b>6. NON-TARGET PLANTS</b></p>  | <p>When used as recommended Highgate is not expected to have adverse effects on non-target plants.</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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