

# Environmental Information Sheet

**Propulse®** MAPP 15735 & 17837



A suspo emulsion formulation containing 125 g/L (12% w/w) fluopyram and 125 g/L (12% w/w) prothioconazole. A fungicide for the control of diseases in oilseed rape.

Maximum individual dose: 1.0 litres product per hectare on oilseed rape

Maximum total dose: 2.0 litres/ha per crop on oilseed rape

Latest time of application: Oilseed rape: 56 days before harvest

A minimum interval of 14 days must be observed between applications.

Section	Profile
<b>1. WILDLIFE</b>  <b>Mammals and Birds</b>	<p>Propulse is not classified as <i>"Harmful to game, wild birds and animals."</i></p> <p>No risk management is necessary to protect mammals and birds. Propulse is of moderate toxicity to mammals and birds. 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>
<b>2. BEES</b>	<p>No risk management necessary</p> <p>The active substances within Propulse are of low toxicity to bees.</p> <p>No risk management necessary and there is no requirement to avoid application of the product when bees may be foraging on flowering weeds.</p>
<b>3. NON TARGET INSECTS AND OTHER ARTHROPODS</b>	<p>No risk management necessary.</p> <p>Propulse poses a low risk to a range of arthropod species commonly found in and around treated fields, e.g. ground beetles, lady birds and aphid parasitoids.</p>
<b>4. AQUATIC LIFE</b>	<p>Propulse is classified as <i>"TOXIC TO AQUATIC ORGANISMS. 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).</i></p> <p>Propulse is moderately toxic to fish, aquatic invertebrates and algae. However, no risk management is necessary. When used according to the label instructions there will not be sufficient contamination of water to present a risk to aquatic life.</p>

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4. AQUATIC LIFE	<p>Risk management is essential.</p> <p>Propulse can be used safely providing care is taken to prevent spray drift reaching surface waters.</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 meters of the top of the bank of any static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer, or within 1 metre from the top of the bank of a ditch which is dry at the time of application: Direct spray away from water.</i></p> <p>LERAP Category B. buffer zones may be reduced</p>
5. SOIL and GROUNDWATER  Earthworms  Soil Micro-organisms	<p>Prothioconazole is non-persistent in soil and has low mobility in soil; fluopyram is very persistent and is of moderate mobility in soil. Therefore, the use of Propulse according to the label presents a low risk to groundwater.</p> <p>Prothioconazole &amp; fluopyram are of low toxicity to earthworms. No risk management is necessary, when Propulse is used according to the label</p> <p>Propulse is of low risk to soil micro-organisms. No risk management necessary in order to prevent risks to the processes of soil respiration and nitrogen turnover.</p>
6. NON-TARGET PLANTS	<p>When used as recommended Propulse is not expected to have adverse effects on non-target plants.</p>

Use plant protection products safely. Always read the label and product information before use. For further product information including warning phrases and symbols refer to [www.cropscience.bayer.co.uk](http://www.cropscience.bayer.co.uk)

For further information about the environmental profile of this product contact:

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