

# Environmental Information Sheet

**Centaur<sup>®</sup>** MAPP 13852



An emulsifiable concentrate formulation containing 200 g/l (21.1% w/w) cyproconazole a broad spectrum systemic fungicide for winter wheat, winter and spring crops of barley and oats, rye, winter oilseed rape, winter and spring field beans, sugar beet and leeks.

<b>Maximum individual dose:</b>	0.4 litres per hectare for winter wheat, winter and spring barley, winter and spring oats, rye, winter and spring field beans. 0.5 litres per hectare for winter oilseed rape. 0.3 litres for sugar beet and leeks
<b>Maximum total dose per crop:</b>	1.2 litres per hectare* for winter wheat, winter and spring barley, winter and spring oats, rye. 0.8 litres per hectare for winter and spring field beans 1.0 litres per hectare for oilseed rape 0.6 litres per hectare for sugar beet 1.2 litres per hectare for leeks
<b>Latest Permitted Timing:</b>	Barley and oats - Up to ear complete stage (GS 59). Winter wheat and Rye - Before caryopsis watery ripe stage. Oil seed rape - before lowest pods are 2cm long Six weeks before harvest for field beans Sugar beet and Leeks – up to 14 days before harvest

Section	Profile
<b>1. WILDLIFE</b>  <b>Mammals and Birds</b>	Centaur is not classified as <i>"Harmful to game, wild birds and animals"</i>  No risk management is necessary to protect mammals and birds.  Centaur is of moderate toxicity to mammals and and low toxicity to 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.
<b>2. BEES</b>	No risk management necessary as Centaur is of low risk to honeybees
<b>3. NON TARGET INSECTS AND OTHER ARTHROPODS</b>	No risk management is necessary.  Centaur poses a low risk to the range of arthropod species commonly found in and around treated fields.

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4. AQUATIC LIFE	<p>Centaur is classified as is “<i>TOXIC TO AQUATIC ORGANISMS</i>”. Risk management is essential.</p> <p><i>DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.</i></p> <p>Centaur does not have a LERAP rating and can be used safely close to water.</p>	Formatted: Bullets and Numbering
5. SOIL and GROUNDWATER	<p>Cyproconazole is moderately to very persistent in soil and has a low soil mobility. Therefore, if Centaur is used as recommended, the risk of groundwater contamination is low.</p> <p><b>Earthworms</b></p> <p>Centaur is of low toxicity to earthworms and so will pose a low risk to earthworm populations in and around treated fields.</p> <p>No risk management necessary.</p> <p><b>Soil Micro-organisms</b></p> <p>Centaur 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>Centaur is not expected to have adverse effects on non-target plants when used as recommended.</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.bayercropscience.co.uk](http://www.bayercropscience.co.uk)

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

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