

Environmental Information Sheet

Sirena

MAPP number: 17103



The
Voluntary
Initiative

An emulsifiable concentrate (EC) formulation containing 60 g/L (6.7% w/w) metconazole. A fungicide for the control of a wide range of diseases in winter and spring wheat, durum wheat, winter and spring barley, triticale, rye, oilseed rape, peas, field beans and lupins, and a spring plant growth regulator in oilseed rape.

Maximum individual dose:

Barley, durum wheat, rye, triticale and wheat: 1.5 L/ha

Oilseed rape: 1.2 L/ha

Combining pea, field bean, lupin, vining pea 1.2 L/ha

Maximum total dose:

Barley, durum wheat, rye, triticale and wheat: 3.0 L/ha

Oilseed rape: 2.4 L/ha

Combining pea, field bean, lupin, vining pea 2.4 L/ha

Latest time of application:

Barley, durum wheat, rye, triticale and wheat: Up to and including GS 71 (caryopsis watery ripe stage)

Oilseed rape: 10% of pods at final size

Combining pea, field bean, lupin, vining pea: 14 days before harvest

Section	Profile
1. WILDLIFE Mammals and birds	Sirena is not classified as ' <i>Harmful to game, wild birds and animals</i> '. Sirena is of moderate toxicity to mammals and birds. When used in accordance with the label instructions, no risk management is necessary to protect wildlife (mammals and birds).
2. BEES	No risk management is necessary. There is no requirement to avoid application of the product when bees may be foraging on flowering crops and weeds.
3. NON TARGET INSECTS AND OTHER ARTHROPODS	No risk management is necessary. Sirena poses a low risk to a range of arthropod species commonly found in and around treated fields.

4. AQUATIC LIFE	<p>Sirena is classified as <i>'Very toxic to aquatic life with long lasting effects'</i>. Sirena shows high toxicity to certain aquatic organisms.</p> <p>Risk management is essential. Sirena can be used safely in accordance with the label instructions providing care is taken to prevent spray drift reaching surface waters. The following risk mitigation measures must be carried out in order to ensure that there is adequate protection for aquatic species. <i>"DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticides permits a narrower buffer zone, or within 1m of the top of a ditch which is dry at the time of application. DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1m of the top of the bank of a static or flowing waterbody. Aim spray away from water."</i></p> <p>This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme.</p>
5. SOIL AND GROUNDWATER	<p>Metconazole shows high persistence and low mobility in soil. Consequently, there is a low risk of groundwater contamination from the use of Sirena.</p>
Earthworms	<p>Sirena shows low toxicity to earthworms. When applied in accordance with label recommendations no risk management is necessary.</p>
Soil micro-organisms	<p>The risk to soil micro-organisms is considered to be low and therefore no risk management is necessary.</p>
6. NON-TARGET PLANTS	<p><i>"Avoid spray drift onto neighbouring crops and field margins"</i></p> <p>When used as recommended, Sirena 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 THE BELCHIM (UK) WEBSITE (WWW.BELCHIM.CO.UK)

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 V4 August 2005.

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EIS Version 1

Date of preparation: 17th November 2016

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The risk to soil micro-organisms is considered to be low and therefore no risk management is necessary.