

# Environmental Information Sheet

## Rapsan 500 SC MAPP 16592



A suspension concentrate formulation containing 500 g/L metazachlor for use as a residual herbicide for the pre and post emergence control of various weeds in oilseed rape.

Maximum individual dose: 1.5 L product/ha

Maximum number of treatments per crop: 1

Latest time of application: Before 10<sup>th</sup> true leaf stage

Section	Profile
1. WILDLIFE	Rapsan 500 SC is not classified as 'Harmful to game, wild birds and animals.'
Mammals and birds	Rapsan 500 SC is of low toxicity to mammals and birds. When used according to the label, no risk management is necessary to protect wild mammals and birds.
2. BEES	Rapsan 500 SC is of low risk to bees. No risk management is necessary and there is no requirement to avoid application of the product when bees may be foraging on flowering weeds.
3. NON TARGET INSECTS AND OTHER ARTHROPODS	No risk management is necessary. Rapsan 500 SC poses a low risk to a range of arthropod species commonly found in and around treated fields.
4. AQUATIC LIFE	<p>Rapsan 500 SC is classified as '<i>Very toxic to aquatic life with long lasting effects</i>'. Rapsan 500 SC shows extremely high toxicity to certain aquatic organisms, especially algae and aquatic plants and so care must be taken to ensure that surface waters or ditches are not contaminated with the product or the used container. Risk management is essential.</p> <p>Rapsan 500 SC can be used safely providing care is taken to prevent spray drift reaching surface water. The following risk management practices 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 water body unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1m of the top of a ditch which is dry at the time of application. Aim spray away from water.'</i></p>
5. SOIL AND GROUNDWATER	<p>Metazachlor, the active substance in Rapsan 500 SC shows low persistence and moderate mobility in soil. In order to prevent potential groundwater contamination, the following restriction is required: <i>'A maximum total dose of not more than 1.0 kg metazachlor may be applied in a three-year period on the same field.'</i></p>

Earthworms	Rapsan 500 SC shows moderate toxicity to earthworms, however when using the product in accordance with the label recommendations, no risk management is necessary.
Soil micro-organisms	Rapsan 500 SC is unlikely to have any long term effect on soil microbial activity. The risk is considered to be low and no risk management is necessary.
6. NON-TARGET PLANTS	Metazachlor is a herbicide and therefore extreme care should be taken to minimise drift of Rapsan 500 SC to wild plants. Livestock must be kept out of treated areas until poisonous weeds such as ragwort have died and become unpalatable.

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](http://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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