

# Environmental Information Sheet

## HURRICANE® SC

### MAPP 16027



Hurricane SC is a suspension concentrate formulation containing 500 g/l diflufenican, an anilide herbicide, for the control of certain germinating broad-leaved weeds in wheat, barley, rye, durum wheat and triticale.

**Maximum application rate:**

Wheat, barley and durum wheat - 0.25 L Hurricane SC/ha (125 g diflufenican/ha),  
Rye and triticale – 0.2 L Hurricane SC/ha (100 g diflufenican/ha).

**Maximum total dose:**

Wheat, barley and durum wheat - 0.25 L Hurricane SC/ha (125 g diflufenican/ha),  
Rye and triticale – 0.2 L Hurricane SC/ha (100 g diflufenican/ha).

Section	Profile
<b>1. WILDLIFE</b>  <b>Mammals and Birds</b>	<p>Hurricane SC is not classified as '<i>Harmful to game, wild birds and animals.</i>'</p> <p>Hurricane SC is of low toxicity to mammals and high to moderate toxicity to birds. When used according to the label, no risk management is necessary to protect wild mammals and birds.</p>
<b>2. BEES</b>	No risk management is necessary and there is no requirement to avoid application of the product when bees may be foraging on flowering weeds.
<b>3. NON TARGET INSECTS AND OTHER ARTHROPODS</b>	No risk management is necessary. Hurricane SC poses a low risk to a range of arthropod species commonly found in and around treated fields.
<b>4. AQUATIC LIFE</b>	<p>Hurricane SC is classified as '<i>Very toxic to aquatic life with long lasting effects.</i>' Hurricane 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.</p> <p>Risk management is essential. Hurricane 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:</p> <p><i>'To protect aquatic organisms, respect an unsprayed buffer zone to surface water bodies as specified for the crop. HORIZONTAL BOOM SPRAYERS MUST BE FITTED WITH THREE STAR DRIFT REDUCTION TECHNOLOGY. Low drift spraying equipment must be operated according to the specific conditions stated in the official three star rating for that equipment as published on HSE Chemicals Regulation Directorate's website. Maintain three star operating conditions until 30 m from the top of the bank of any surface water bodies.</i></p>

	<p><i>DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within the distance specified for the crop to the top of the bank of a static or flowing water body, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water.'</i></p> <p>The specified buffer zone distance for all crops treated with Hurricane SC is 6m when used in conjunction with three star drift reduction technology.</p> <p>The buffer zone must be maintained. This product is not eligible for buffer zone reduction under the LERAP scheme.</p>
<p><b>5. SOIL and GROUND-WATER</b></p> <p><b>Earthworms</b></p> <p><b>Soil micro-organisms</b></p>	<p>Diflufenican, the active substance in Hurricane SC, shows high persistence and low mobility in soil. Consequently there is a very low risk of groundwater contamination from the use of Hurricane SC. Field studies have also demonstrated that diflufenican does not accumulate unacceptably from year to year in soil treated with Hurricane SC.</p> <p>Hurricane SC is moderately toxic to earthworms, however following application according to the label recommendations, no risk management is necessary.</p> <p>Hurricane SC is unlikely to have any long term effect on soil microbial activity. The risk is therefore considered to be low and no risk management is necessary.</p>
<p><b>6. NON-TARGET PLANTS</b></p>	<p>Diflufenican is a herbicide and therefore care should be taken to minimise drift to wild plants. Nevertheless, no unacceptable risk to non-target plants is envisaged from the use of Hurricane SC according to the label recommendations.</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 ADAMA AGRICULTURAL SOLUTIONS UK LTD WEBSITE (WWW.ADAMA.COM).**

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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