

# Environmental Information Sheet

## SPITFIRE<sup>®</sup> MAPP 15101



A suspension emulsion formulation containing 5 g/l florasulam, a triazolopyrimidine herbicide, and 100 g/l fluroxypyr, a pyridine carboxylic acid herbicide, for post-emergence control of broad-leaved weeds in cereals.

Maximum individual dose: 1.0 l/ha (5 gas/ha florasulam, 100 gas/ha fluroxypyr)  
 Maximum total dose per crop: 1.0 l/ha (5 gas/ha florasulam, 100 gas/ha fluroxypyr)

Section	Profile
<p><b>1. WILDLIFE</b></p> <p><b>Mammals and Birds</b></p>	<p>SPITFIRE 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.</p> <p>SPITFIRE has a low toxicity to mammals and birds. It poses a low risk to birds and mammals living and feeding in treated areas.</p>
<p><b>2. BEES</b></p>	<p>No risk management is necessary.</p> <p>SPITFIRE poses a low risk to bees. There is no requirement to avoid application of the product when bees may be foraging on flowering weeds.</p>
<p><b>3. NON TARGET INSECTS AND OTHER ARTHROPODS</b></p>	<p>No risk management is necessary.</p> <p>SPITFIRE poses a low risk to a range of arthropod species commonly found in and around treated fields.</p>
<p><b>4. AQUATIC LIFE</b></p>	<p>SPITFIRE is classified '<i>Very Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment</i>'.</p> <p>SPITFIRE is extremely toxic to certain aquatic plants, such as Duckweed, and highly toxic to algae. 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. SPITFIRE can be used safely providing care is taken to prevent spray drift reaching surface waters. The following risk management practices must be observed;</p> <p><i>"To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.</i></p> <p><i>DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body,</i></p>

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Section	Profile
	<p><i>unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m 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 1 m of the top of the bank of a static or flowing water body. Aim spray away from water."</i></p> <p>Buffer zones may be reduced (see LERAP guidelines).</p>
<p><b>5. SOIL and GROUNDWATER</b></p> <p><b>Earthworms</b></p> <p><b>Soil Micro-organisms</b></p>	<p>The active substances are of low to moderate persistence and breakdown products are of low persistence to very persistent, and all are moderately to highly mobile. However, when SPITFIRE is used as recommended there is a low risk of groundwater contamination.</p> <p>SPITFIRE is of moderate toxicity to earthworms. The risk to earthworms is low. No risk management is necessary.</p> <p>The active substances are of low toxicity to soil micro-organisms. No risk management is necessary.</p>
<p><b>6. NON-TARGET PLANTS</b></p>	<p>SPITFIRE is a broad-spectrum herbicide and may be harmful to some species of wild flowers that are found at the margins of fields.</p> <p>The label carries the following warning; <i>'Extreme care must be taken to avoid spray drift onto non-crop plants outside the target area'</i></p>

### ALWAYS READ THE LABEL: USE PESTICIDES SAFELY

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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