

# Environmental Information Sheet

## SERCADIS MAPP 17776



A suspension concentrate containing 300 g/litre fluxapyroxad (carboxamide fungicide) for use in apple and pear.  
 Maximum individual dose: 0.3 l/ha (90 g a.i./ha)  
 Maximum number of treatments: Three

Section	Profile
<p><b>1. WILDLIFE</b></p> <p><b>Mammals and Birds</b></p>	<p>Sercadis is not classified as <i>'Harmful to game, wild birds and animals'</i>.</p> <p>No risk management necessary to protect wild mammals and birds. Fluxapyroxad is of low toxicity to mammalian and bird species.</p> <p>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.</p>
<p><b>2. BEES</b></p>	<p>No risk management necessary. Sercadis is of low risk to bees.</p>
<p><b>3. NON TARGET INSECTS AND OTHER ARTHROPODS</b></p>	<p>No risk management necessary. Sercadis poses a low risk to a range of arthropod species commonly found in and around treated fields, including predatory mites, aphid parasitoids, spiders and predatory beetles.</p>
<p><b>4. AQUATIC LIFE</b></p>	<p>Sercadis is <i>'Very toxic to aquatic life with long lasting effects'</i>.</p> <p>Sercadis is of low toxicity to aquatic invertebrates, e.g. water flea, extreme toxicity to fish and high toxicity to algae.</p> <p><i>"Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads."</i></p> <p>Risk management is essential. Sercadis can be used safely providing care is taken to prevent spray drift reaching surface waters. The following risk management practices must be carried out in order to ensure that there is adequate protection of aquatic species:</p> <p><i>"DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 15m of the top of the bank of a static or flowing water body, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5 m of the top of a ditch which is dry at the time of application. Aim spray away from water."</i></p> <p>Broadcast air-assisted LERAP. Buffer zones maybe reduced (see LERAP Guidelines).</p>

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<p><b>5. SOIL and GROUNDWATER</b></p> <p><b>Earthworms</b></p> <p><b>Soil Micro-organisms</b></p>	<p>No risk management necessary. Fluxapyroxad is very persistent in soil with low mobility. There is a low risk of ground water contamination from the use of Sercadis.</p> <p>No risk management necessary. Sercadis is of moderate toxicity to earthworms.</p> <p>No risk management necessary. At the recommended application rate Sercadis has a negligible effect on soil microbial processes and therefore the risk to soil microbial activity is low.</p>
<p><b>6. NON-TARGET PLANTS</b></p>	<p>When used as recommended Sercadis 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 [www.agricentre.basf.co.uk](http://www.agricentre.basf.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 Version 4.

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