

Environmental Information Sheet

SYSTHANE 20EW MAFF 09396



A 200 g/litre oil in water emulsion formulation containing myclobutanil, a triazole fungicide, for use in orchards, blackcurrants, gooseberries, strawberries and outdoor ornamental plants.

Maximum application rate: 0.45 litres product/ha (90g a.s./ha) 10 times per year

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>SYSTHANE 20EW is not classified as "<i>Harmful to game, wild birds and animals</i>".</p> <p>No risk management necessary to protect birds and wild mammals. SYSTHANE 20EW has a moderate toxicity to birds and mammals. The risk to wild mammals and birds feeding in treated areas is low.</p>
<p>2. BEES</p>	<p>No risk management necessary. SYSTHANE 20EW is of low risk to honeybees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>SYSTHANE 20EW has a low risk to non-target arthropods such as, parasitic wasp (<i>Aphidius rhopalosiphi</i>), ladybird (<i>Coccinella septempuncta</i>), predatory spider (<i>Pardosa sp.</i>), lacewing (<i>Chrysoperla carnea</i>) and springtail (<i>Folsomia candida</i>). Toxic effects on predatory mites (<i>Typhlodromus pyri</i>) have been noted on glass plates in the laboratory but it had no significant effect on populations in the field.</p>
<p>4. AQUATIC LIFE</p>	<p>SYSTHANE 20EW is classified "<i>TOXIC TO AQUATIC ORGANISMS. May cause long-term effects in the aquatic environment</i>". It has a moderate toxicity to fish and high toxicity to algae and water fleas. Care must be taken to ensure that surface waters or ditches are not contaminated with the product or the used container.</p> <p>No risk management necessary. When used according to the label instructions there will not be sufficient contamination of water to present a risk to aquatic life.</p> <p>Not categorised under the LERAP scheme</p>

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<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>Myclobutanil is persistent in soil. However, field studies have shown there is no long-term accumulation of residues in soil. Myclobutanil has a low to moderate mobility in soil. There is a low risk of groundwater contamination.</p> <p>SYSTHANE 20EW has a moderate toxicity and low risk to earthworms. No risk management necessary.</p> <p>No risk management necessary. At the recommended application rate SYSTHANE 20EW has negligible effects on soil microbial respiration and nitrogen transformations. The risk to soil microbial activity is therefore low.</p>
<p>6. NON-TARGET PLANTS</p>	<p>When used as recommended, SYSTHANE 20EW is not expected to have any adverse effects on non-target plants.</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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