Environmental Information Sheet

JADE  MAFF/MAPP 15558

A SC formulation containing 800 g/litre prosulfocarb, a thiocarbamate herbicide for use in winter barley, winter wheat and early and maincrop potatoes.

Maximum application rate: 5 litres per hectare
Maximum no. of applications: 1 per crop

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<thead>
<tr>
<th>Section</th>
<th>Profile</th>
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</table>
| 1. WILDLIFE | JADE is not classified as ‘Harmful to game, wild birds and animals’.
Mammals and Birds | No risk management is necessary to protect wild mammals and birds. JADE is of moderate toxicity to both mammals and birds. The risk to wild mammals and birds feeding on treated areas is low due to the limited amount of residues likely to be consumed. |
| 2. BEES | No risk management is necessary. JADE is of low risk to honey bees. |
| 3. NON TARGET INSECTS AND OTHER ARTHROPODS | No risk management is necessary. JADE poses a low risk to a range of arthropod species commonly found in and around treated fields. |
| 4. AQUATIC LIFE | JADE is classified as ‘Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment’.

JADE is extremely toxic to aquatic plants and highly toxic to fish and aquatic invertebrates. Care must be taken to ensure that surface waters or ditches are not contaminated with the product or the used container.

Risk management essential. JADE may be used safely providing care is taken to prevent spray drift reaching surface waters. The following risk management practices must be carried out:
‘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, or within 1m from 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 1m of the top of the bank of a static or flowing water body. Aim spray away from water’.

LERAP Category B. Buffer zone may be reduced (see LERAP Guidelines).
### Section Profile

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<thead>
<tr>
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<tbody>
<tr>
<td>5. <strong>SOIL and GROUNDWATER</strong></td>
<td>Prosulfocarb has low persistence and low mobility in soil. Use of JADE according to the label instruction presents a low risk to groundwater.</td>
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<tr>
<td>Earthworms</td>
<td>JADE is of moderate toxicity to earthworms. No risk management is necessary as the risk to earthworms is low.</td>
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<tr>
<td>Soil Micro-organisms</td>
<td>JADE is unlikely to have any long-term effect on soil microbial activity. The risk is therefore considered to be low. No risk management is necessary.</td>
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<td>6. <strong>NON-TARGET PLANTS</strong></td>
<td>No effects on non-target plant species are expected when JADE is used as recommended.</td>
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</table>

**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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