A water dispersible granule formulation containing 750g/kg prosulfuron, a sulphonyl urea herbicide for use in maize.

Maximum application rate: 0.02 kg product per hectare
Maximum no. of applications: 1 per crop

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| 1. WILDLIFE                      | Peak is not classified as ‘Harmful to game, wild birds and animals’.  
Mammals and Birds                | Prosulfuron is moderate toxicity to birds and mammals. However, the risk to game and wildlife feeding on treated areas is low due to the limited amount of residues likely to be consumed. No risk management necessary. |
| 2. BEES                          | No risk management necessary as the risk to honey bees is low.                                                                        |
| 3. NON TARGET INSECTS AND OTHER ARTHROPODS | No risk management necessary. Peak poses a low risk to a range of arthropod species commonly found in and around treated fields, e.g. ground beetles, ladybirds, spiders and aphid parasitoids. |
| 4. AQUATIC LIFE                  | Peak is classified as ‘Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.’                  |
|                                  | Peak is extremely toxic to aquatic plants, and also highly toxic to fish. Care must be taken to ensure that surface waters or ditches are not contaminated with the product or used container.’ |
|                                  | Risk management essential. Defy 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).                                                                 |
# Environmental Information Sheet

**PEAK MAFF/MAPP 15521**

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## Section 5. SOIL and GROUNDWATER
Prosulfuron has low persistence in soil and highly mobile in soil. Use of Peak according to the label instruction presents a low risk to groundwater.

**Earthworms**
No risk management necessary, as the risk to earthworms in areas treated with Peak is low.

**Soil Micro-organisms**
No risk management necessary. No effect on soil microbial processes were found and so the risk is considered to be low.

## Section 6. NON-TARGET PLANTS
No effects on non-target plants are expected when Peak is used as directed. As Peak is used to broad-leaved weeds, care should always be taken to minimise drift when applying close to field boundaries.

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**ALWAYS READ THE LABEL: USE PLANT PROTECTION PRODUCTS 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:-

- **Company:** Syngenta Crop Protection UK Ltd
- **Address:** CPC4, Capital Park, Cambridge, CB21 5XE
- **Telephone:** 0800 1696058
- **Fax:** 01223 882195
- **e-mail:** customer.services@syngenta.com

This Environmental Information Sheet was prepared in accordance with CPA Guidance Notes Version 4.

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