

Environmental Information Sheet

KEYSTONE®

MAPP 18565



The
Voluntary
Initiative

An SC formulation containing 125 g/litre isopyrazam and 99 g/litre epoxiconazole, a foliar fungicide for use on winter wheat, winter and spring barley, rye and triticale.

Maximum application rate: 1.0 litre per hectare

Maximum no. of applications: 2 per crop

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and birds</p>	<p>Keystone 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. Keystone is of low toxicity to 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.</p>
<p>2. BEES</p>	<p>No risk management is necessary. Keystone is of low risk to honey bees.</p>
<p>3. NON-TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management is necessary. Keystone poses a low risk to a range of arthropod species commonly found in and around treated fields, including predatory beetles, predatory mites and parasitic wasps.</p>
<p>4. AQUATIC LIFE</p>	<p>Keystone is classified as '<i>Very toxic to aquatic life with long lasting effects</i>.'</p> <p>Keystone is extremely toxic to aquatic invertebrates and fish, it is also moderate toxicity 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. Keystone 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 for aquatic species:</p> <p><i>'DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 6 metres of the top of the bank of a static or flowing waterbody, or within 1 metre of the top of a ditch which is dry at the time of application. Aim spray away from water.'</i></p> <p>THIS PRODUCT IS NOT ELIGIBLE FOR BUFFER ZONE REDUCTION UNDER THE LERAP HORIZONTAL BOOM SPRAYERS SCHEME.</p>

<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil micro-organisms</p>	<p>Epoxiconazole is very persistent in soil under field conditions. Isopyrazam is very persistent in soil under field conditions. Both epoxiconazole and isopyrazam are absorbed to soil and therefore have low mobility in soil. Consequently, there is a low risk of groundwater contamination.</p> <p>Keystone is of low toxicity to earthworms and the risk to earthworms is low, and so risk management is not necessary.</p> <p>Keystone is unlikely to have any long-term effect on soil microbial activity. The risk is therefore considered to be low. No risk management necessary.</p>
<p>6. NON-TARGET PLANTS</p>	<p>When used as recommended, Keystone 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 THE ADAMA AGRICULTURAL SOLUTIONS UK LTD WEBSITE (WWW.ADAMA.COM).

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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