

# Environmental Information Sheet

## UNIKAT 75WG MAPP 11018 and 10567



A water dispersible granule formulation containing 8.3% w/w zoxamide, a benzamide fungicide and 66.7% w/w mancozeb, a dithiocarbamate fungicide, for use in vines.

Maximum application rate: 2.9 kg/ha (0.24 kg zoxamide + 1.9 kg mancozeb) 6 times per year.

Section	Profile
<p><b>1. WILDLIFE</b></p> <p><b>Mammals and Birds</b></p>	<p>UNIKAT 75WG is not classified as <i>“Harmful to game, wild birds and animals”</i>.</p> <p>No risk management is necessary. UNIKAT 75WG has a low toxicity to mammals and birds. It poses a low risk to birds and mammals living and feeding in treated areas.</p>
<p><b>2. BEES</b></p>	<p>No risk management is necessary. UNIKAT 75WG is of low risk to honeybees.</p>
<p><b>3. NON TARGET INSECTS AND OTHER ARTHROPODS</b></p>	<p>UNIKAT 75WG has a low risk to a range of non-target arthropods, including spiders, carabid beetles, lacewings and parasitic wasps but can harm predatory mites.</p> <p><i>“The best available application technique, which minimises off-target drift, should be used to reduce effects on non-target insects or other arthropods”</i>.</p>
<p><b>4. AQUATIC LIFE</b></p>	<p>UNIKAT 75WG is classified <b>“VERY TOXIC TO AQUATIC ORGANISMS. May cause long-term adverse effects in the aquatic environment. DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container”</b>.</p> <p>Whilst UNIKAT 75WG has a high toxicity to fish and Daphnia (water fleas) and extreme toxicity to algae it may be used safely providing care is taken to minimise spray drift reaching surface waters. The following risk management practices must be carried out:  <i>“DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 20 metres of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5 metres of the top of a ditch which is dry at the time of application. Aim spray away from water”</i>.</p> <p>LERAP Category-Broadcast Air-assisted. Buffer zones may be 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>Zoxamide and mancozeb both have a low persistence and low mobility in soil. Consequently there is a low risk of groundwater contamination from the use of UNIKAT 75WG. The low risk has been confirmed by studies in soil columns and modelling.</p> <p>UNIKAT 75WG has a low toxicity and low risk to earthworms and no risk management is necessary.</p> <p>No risk management necessary. UNIKAT 75WG at recommended rates has no significant effects on soil microbial respiration and nitrogen mineralisation. The risk to soil microbial activity is therefore low.</p>
<p><b>6. NON-TARGET PLANTS</b></p>	<p>When used as recommended UNIKAT 75WG is not expected to have 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.

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

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