

Environmental Information Sheet

STOMP AQUA MAFF/MAPP 14664



A capsule suspension formulation containing 455 g/litre pendimethalin (dinitroaniline herbicide) for use in various crops.

Maximum application rate: 2.9 – 3.3 l/ha depending on the crop (1320-1500 g a.i./ha)

Maximum number of treatments: One per crop/year (depending on the crop)

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Stomp Aqua is not classified as <i>'Harmful to game, wild birds and animals'</i>.</p> <p>No risk management is necessary to protect wild mammals and birds. Pendimethalin, the active substance in Stomp Aqua, is of low toxicity to mammals and of moderate toxicity to birds. The risk to wild mammals and birds grazing on treated areas is low as is the risk due to exposure from other routes e.g. consumption of invertebrates such as insects.</p>
<p>2. BEES</p>	<p>No risk management necessary. Stomp Aqua is of low risk to bees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management necessary. Stomp Aqua poses a low risk to a range of arthropod species commonly found in and around treated fields, including predatory mites, aphid parasitoids, ground beetles and spiders.</p>
<p>4. AQUATIC LIFE</p>	<p>Stomp Aqua is <i>'TOXIC TO AQUATIC ORGANISMS, may cause long term adverse effects in the aquatic environment'</i>.</p> <p>Stomp Aqua is moderately toxic to fish and aquatic invertebrates e.g. water flea and extremely toxic to algae. <i>'Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads'</i>.</p> <p>Risk management is essential. Stomp Aqua 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: <i>'DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body or within 1m of the top of a ditch which is dry at the time of application. Aim spray away from water'</i>.</p> <p>LERAP Category B. Buffer zones may be reduced (see LERAP Guidelines).</p>

Environmental Information Sheet

STOMP AQUA MAFF/MAPP 14664



Section	Profile
<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>Pendimethalin is very persistent in soil. Pendimethalin is strongly adsorbed to soil and is therefore not mobile.</p> <p>No risk management necessary. Use of Stomp Aqua as recommended presents low risk to ground water.</p> <p>Stomp Aqua is of low toxicity to earthworms.</p> <p>No risk management necessary.</p> <p>No effects on soil microbial processes were found so the risk to soil micro-organisms is considered low.</p> <p>No risk management necessary.</p>
<p>6. NON-TARGET PLANTS</p>	<p>Stomp Aqua is a broad-spectrum herbicide and may cause damage to non-target plants.</p> <p><i>'Extreme care should be taken to avoid damage by drift onto plants outside the target area'</i>. Care should also be taken to minimise the drift of Stomp Aqua into conservation headlands, beetle banks and field boundaries such as hedgerows, which may provide an important habitat for wild flowers.</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:-

BASF plc, Agricultural Division, PO Box 4, Earl Road, Cheadle Hulme, Cheadle, Cheshire SK8 6QG Telephone: 0161 485 6222 Fax: 0161 486 0891

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

© copyright of BASF