

Environmental Information Sheet

Torch® MAPP 11258



A 50% w/w EC formulation containing spiroxamine, a spiroketal amine fungicide for the control of cereal diseases in winter and spring wheat, barley and rye.

Latest timing: Winter and spring wheat and rye: before caryopsis watery ripe stage.

Winter and spring barley: up to and including ear emergence complete.

Maximum Application rate 1.5 litres product per hectare (750 g a.s./ha).

Maximum total dose per crop 3 litres product/ha (1500 g a.s./ha)

Section	Profile
1. WILDLIFE Mammals and Birds	<p>Torch is not classified as <i>"Harmful to game, wild birds and animals."</i></p> <p>No risk management necessary to protect wild mammals and birds. Torch is of moderate acute oral toxicity to birds and mammals.</p>
2. BEES	<p>No risk management necessary. Torch is of low risk to honeybees.</p>
3. NON TARGET INSECTS AND OTHER ARTHROPODS	<p>No risk management necessary. Torch poses a low risk to a range of arthropod species commonly found in and around treated fields, including parasitoids, and plant and ground dwelling predators.</p>
4. AQUATIC LIFE	<p>Torch is classified as <i>"Very toxic to aquatic life with long lasting effects."</i> DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.</p> <p>Torch is of moderate acute toxicity to fish and aquatic invertebrates and of high toxicity to algae. Risk management is essential. Torch 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 of aquatic species. <i>'Do not allow direct spray from horizontal boom sprayers to fall within 5 meters of the top of the bank of any static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer, or within 1 metre from the top of the bank of a ditch which is dry at the time of application: Direct spray away from water.'</i></p> <p>LERAP Category B. buffer zones may be reduced (See LERAP Guidelines).</p>

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5. SOIL and GROUNDWATER Earthworms Soil Micro-organisms	<p>No risk management necessary. Torch is of moderate persistence in soil. Torch has low mobility in soil. The contamination of groundwater is therefore unlikely.</p> <p>No risk management necessary. Torch is of low toxicity to earthworms.</p> <p>No risk management necessary. When applying spiroxamine containing plant protection products according to the recommended use pattern, no lasting effects on microbial activities are to be expected.</p>
6. NON-TARGET PLANTS	<p>Spiroxamine has low activity to plants and consequently Torch should have no adverse effect 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 www.cropscience.bayer.co.uk

For further information about the environmental profile of this product contact:

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