

Environmental Information Sheet

Exemptor[®] MAPP 15615



Exemptor[®] is a granular systemic and protectant insecticide, containing 10 % w/w Thiacloprid. Exemptor[®] controls black vine weevil, sciarid flies, glasshouse whiteflies, aphids and leaf beetles on ornamental plants and hardy nursery stock (outdoor and protected).

Maximum individual application rate: 400 g product per cubic metre of peat based growing media.

Maximum number of treatments: 1 per annum

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Exemptor[®] not classified as 'Harmful to game and wildlife'. No risk management is necessary to protect mammals and birds. Exemptor[®] is of low toxicity to mammals and of moderate toxicity to birds. To protect birds the product must be entirely incorporated in the compost. To protect birds remove spillages.</p>
2. BEES	<p>No risk management necessary.</p> <p>The active substance within Exemptor[®] is of low toxicity to bees. There is no requirement to avoid application of Exemptor[®] when bees may be foraging on flowering weeds.</p>
3. NON TARGET INSECTS AND OTHER ARTHROPODS	<p>Exemptor[®] may have adverse effects on some non-target beneficial arthropods, in particular to foliage dwelling predators. However no risk management is necessary. When Exemptor[®] is used in accordance with the label instructions it is unlikely that non-target beneficial arthropods will be adversely affected.</p>
4. AQUATIC LIFE	<p>Exemptor[®] is classified as "VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT." Care must be taken to prevent spray drift reaching surface waters. "Do not contaminate water with product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards or roads".</p> <p>Thiacloprid is very toxic to some sediment dwelling organisms and aquatic invertebrates and moderately toxic to fish and algae. However, no risk management is necessary. When used according to the label instructions there will not be sufficient contamination of water to present a risk to aquatic life.</p> <p>Exemptor[®] is not classified under the LERAP scheme.</p>

Environmental Information Sheet

Exemptor[®] MAPP 15615



Section	Profile
<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>Thiacloprid is of low persistence in soil and of low mobility. Further investigations under field conditions confirm that in practice there is a low risk to groundwater where Exemptor[®] is used according to the label. No risk management is necessary.</p> <p>No risk management necessary. There is a low risk to earthworms where Exemptor[®] is used according to the label.</p> <p>No risk management necessary. Exemptor[®] has been shown to cause no adverse effects on earthworm populations under field conditions. Exemptor[®] is of low toxicity to earthworms.</p> <p>Exemptor is of low risk to soil micro-organisms. No risk management necessary in order to prevent risks to the processes of soil respiration and nitrogen turnover.</p>
<p>6. NON-TARGET PLANTS</p>	<p>Thiacloprid has low activity on plants, and consequently Exemptor[®] 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.escience.bayercropscience.co.uk.

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:

Bayer Environmental Science
230 Cambridge Science Park
Milton Road
Cambridge
CB4 0WB

Bayer Environmental Science: 0080012149451
 Exemptor[®] is a registered trademark of Bayer.
 © Bayer CropScience Limited 2015.