Environmental Information Sheet TERPAL

MAPP 16463



A soluble concentrate containing 305 g/litre mepiquat chloride and 155 g/l 2-chloroethylphosphonic acid [ethephon]. A plant growth regulator for use in winter wheat, winter and spring barley, triticale and winter rye.

Maximum individual dose: 2.0 litres product/hectare (610 + 310 g a.s./ha).

Maximum total dose: 2.0 litres product/hectare (610 + 310 g a.s./ha).

	Section	Profile
1.	WILDLIFE Mammals and Birds	Terpal is not classified as 'Harmful to game, wild birds and animals'. No risk management necessary to protect wild mammals and birds. Mepiquat chloride is of low toxicity to birds and moderate toxicity to mammals. Ethephon is of moderate toxicity to birds and mammals. 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 insects, due to the limited amount of residues likely to be consumed.
2.	BEES	No risk management necessary. Terpal is of low risk to bees.
3.	NON TARGET INSECTS AND OTHER ARTHROPODS	No risk management necessary. Terpal is of low risk to a range of arthropod species commonly found in and around treated fields, e.g. beetles, aphid parasitoids and lacewings.
4.	AQUATIC LIFE	Terpal 'May cause long lasting harmful effects to aquatic life'. Terpal is of low toxicity to fish, algae, aquatic invertebrates e.g. water flea and of moderate toxicity to aquatic plants e.g. duckweed. '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'. No risk management necessary. When used according to the label instructions there will not be sufficient contamination of water to present a risk to aquatic life. Not categorised under the LERAP scheme.

EIS Version 2 06 February 2015

Environmental Information Sheet TERPAL

MAPP 16463



Г

	Section	Profile
5.	SOIL and GROUNDWATER	No risk management necessary. Mepiquat chloride is of moderate persistence in soil and of low mobility. Ethephon is of low persistence and mobility in soil.
		Use of Terpal as recommended presents a low risk to groundwater.
	Earthworms	No risk management necessary. The active ingredients of Terpal, mepiquat chloride and ethephon, are of moderate toxicity to earthworms.
	Soil Micro-organisms	No risk management necessary. At the recommended application rate Terpal is of low risk to soil microbial respiration and nitrogen turnover.
6.	NON-TARGET PLANTS	"Avoid spray drift on to neighbouring crops". When used as recommended Terpal is not expected to have adverse effects on non-target plants. However, as Terpal is a plant growth regulator care should always be taken to minimise drift when applying close to field boundaries.

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, P.O. Box 4, Earl Road, Cheadle Hulme, 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 plc.