

European Commission



**Draft Assessment Report prepared according to the Commission
Regulation (EU) N° 1107/2009**

Napropamide-M

Volume 3 – B.4 (PPP) – D-Devrinol

Rapporteur Member State: United Kingdom

Version History

When	What
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B.4. FURTHER INFORMATION

B.4.1. SAFETY INTERVALS AND OTHER PRECAUTIONS TO PROTECT HUMANS, ANIMALS AND THE ENVIRONMENT

Pre-harvest interval (in days) for each relevant crop

As D-Devrinol (HBW03) 450 g/L SC is applied to bare soil as a pre-sowing or pre-emergent herbicide, a PHI is not applicable for winter oilseed rape or brassica vegetables.

Re-entry period (in days) for livestock, to areas to be grazed

Not applicable.

Re-entry period (in hours or days) for man to crops, buildings or spaces treated

D-Devrinol (HBW03) 450 g/L SC is applied to bare soil as a pre-sowing or pre-emergent herbicide therefore the re-entry period for man is not relevant.

Withholding period (in days) for animal feedstuffs

Not applicable, no withholding period is required based on residues in animal products being expected to be below the limit of quantification.

Waiting period (in days) between application and handling treated products

Not relevant as napropamide-M is not used as a post-harvest treatment.

Waiting period (in days) between last application and sowing or planting succeeding crops

In the event of the failure of a crop on which D-Devrinol (HBW03) 450 g/L SC has been applied at the maximum rates of 1.7 L product/ha, only crops on which use of D-Devrinol (HBW03) 450 g/L SC is supported should be sown/planted as a replacement crop within 12 months of application.

Information on specific conditions under which the preparation may or may not be used

Do not treat crops adversely affected by poor soil, adverse weather or cultural conditions. AVOID SPRAY OVERLAP, PARTICULARLY ON HEADLANDS.

D-Devrinol (HBW03) can be used on a wide range of soils but should not be applied to Sands (as defined by the ADAS '85 System) or to soils with more than 10% organic matter.

B.4.2. RECOMMENDED METHODS AND PRECAUTIONS

Handling

- Ensure adequate ventilation
- Wear personal protective equipment
- Ensure that eyewash stations and safety showers are close to the workstation location
- Do not eat, drink or smoke when using this product
- Use only outdoors or in a well-ventilated area
- Wash hands after handling

Warehouse storage

- Keep only in the original container/package in a cool well-ventilated place.

User level storage

- Keep only in the original container/package in a cool well-ventilated place.

TransportADR/RID

UN number	UN3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (napropamide)
Hazard class	9
Packing group	III
Environmental hazards	Dangerous for the environment
Special Provisions	274, 335, 375, 601
Tunnel restriction code	(E)

IMDG/IMO

UN number	UN3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (napropamide)
Hazard class	9
Packing group	III
Environmental hazards	Marine pollutant
Special Provisions	274, 335, 969

IATA/ICAO

UN number	UN3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (napropamide)
Hazard class	9
Packing group	III
Environmental hazards	Dangerous for the environment
Special Provisions	A97, A158, A197

Protective clothing and equipment proposed for use in storage, transport or in the event of fire – nature

Eye protection	Safety glasses with side-shields
Skin protection	Long sleeved clothing
Hand protection	Protective gloves
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

Protective clothing and equipment proposed for use in storage, transport or in the event of fire – characteristics

See above.

Sufficient data to evaluate suitability and effectiveness of the protective clothing and equipment under realistic conditions of use

No information is provided on the suitability of such clothing as its use is recommended on the basis of general advice for plant protection products.

Procedures to minimise the generation of waste

Only purchase and store quantities of product required in the short term. Do not open larger containers than is necessary for immediate requirements.

Information on combustion products likely to be generated in the event of fire

Hazardous combustion products are carbon oxides and nitrogen oxides (NO_x).

Fire Fighting Measures

Suitable extinguishing media	As a water suspension, the fire is highly improbable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
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Unsuitable extinguishing media

No information available

Advice for firefighters

Wear self-contained breathing apparatus and protective suit

Procedures for cleaning application equipment and protective clothing

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

Effectiveness of the cleaning procedures

Triple rinsing of the jar successfully removes 100% of the napropamide-M. See data presented in section B.2.11 (B.2 (PPP)- D-Devrinol) which shows that single, double and triple rinsing are effective at cleaning.

B.4.3. EMERGENCY MEASURES IN CASE OF AN ACCIDENT

- Ensure adequate ventilation
- Avoid contact with skin, eyes and clothing
- Prevent further leakage or spillage if safe to do so
- Do not allow material to contaminate ground water system
- Do not flush into surface water or sanitary sewer system
- Absorb with inert material (e.g. dry sand or earth), then place in a chemical waste container

B.4.4. PACKAGING, COMPATIBILITY OF THE PLANT PROTECTION PRODUCT WITH PROPOSED PACKAGING MATERIALS

The proposed packaging for D-Devrinol 450 SC (HBW03) is:

1.0 Litre

Materials:	PET bottle
Shape/size:	Cylindrical
	Height: 224.0 mm
	Diameter: 94.0 mm (max.)
Opening:	45.0 mm
Closure:	IHS

Materials:	HDPE bottle
Shape/size:	Cylindrical
	Height: 220.5 mm
	Diameter: 94.2 mm (max.)
Opening:	45.0 mm
Closure:	IHS

5.0 Litre

Materials:	HDPE can
Shape/size:	Height: 305.0 mm
	Width: 142.0 mm
	Length: 193.0 mm
Opening:	63.0 mm
Closure:	IHS

10.0 Litre

Materials:	HDPE can
Shape/size:	Square
	Height: 375 mm
	Diameter: 179 mm
Opening:	63.0 mm
Closure:	IHS

20.0 Litre

Materials: High molecular weight, polyethylene Jerrican
 Shape/size: Cylindrical/square/round
 Height: 380.0 mm
 Diameter: 286.0 mm
 Opening: 51.0/63.0 mm
 Closure: T/E

The apertures on all packaging are heat sealed and all packs are fitted with screw caps with an internal wad.

B.4.5. PROCEDURES FOR DESTRUCTION OR DECONTAMINATION OF THE PLANT PROTECTION PRODUCT AND ITS PACKAGING

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container

B.4.5.1. Neutralisation procedure

The applicant has stated that a neutralisation procedure is not available for the product

B.4.5.2. Controlled incineration

The applicant has deemed this not relevant. Dispose of contents/container in accordance with national regulations

B.4.6. REFERENCES RELIED ON

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
CP 4.2/01	Anonymou s	2015	Safety data sheet D- Devrinol Company Report No. not stated Not GLP, Published Latest safety data sheet for formulated product	N	N	NA	UPL	None
CP 4.2/02	Bates, G.	2015	Storage stability trial for the D- Devrinol 450 SC (HBW03) formulation Interim Report	N	Y	Data protection is claimed in accordance with Article 59 of Regulation	UPL	None

			2 Company Report No. J19547 GC Laboratories Ltd., UK GLP, Unpublished ⇒ CP 2.1/01 Study submitted to meet data requirements			(EC) No 1107/2009		
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