

Read the label before opening the container.

For Full particulars, see enclosed leaflet.

Chlorthal-Dimethyl 750



South Africa Reg.No: L 7738 Act No. 36 of 1947

Namibia Reg. No: N-AR 1197 Act no 36 of 1947

A wettable powder pre-emergence herbicide for the control of annual grasses
and some broadleaf weeds in onions and brassicae.

HRAC HERBICIDE GROUP CODE: K1

ACTIVE INGREDIENT:

Chlorthal-dimethyl (benzoic acid)750 g/kg

Product Information Tel no: 082 801 6759

In case of poisoning: 082 446 8946

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Batch No:

Date of Manufacture:

Registration holder:

Erintrade cc t/a RT Chemicals

CK 2001/036403/23

10 Ninth Avenue, Industria, Kroonstad, 9500

Tel: 056 213 1967

11072005-06/12



CAUTION
VERSIGTIG

Chlorthal-Dimethyl 750

Reg. No.: L 7738 Act /Wet No. 36 of/van 1947
Namibia Reg. No. N-AR 1197 Act no 36 of 1947

A wettable powder pre-emergence herbicide for the control of annual grasses and some broadleaf weeds in onions and brassicae.
'n Benatbare poeier vooropkomsongruiddoder vir die beheer van eenjarige grasse en sekere breëblaaronkruid in uie en koolgewasse.
HRAC HERBICIDE GROUP CODE / HRAC ONKRUIDDODER GROEP KODE: K1

Active Ingredient/Aktiewe Bestanddeel:

Chlorthal-dimethyl (benzoic acid) / Chloortal-dimetiel (bensoësuur)750 g/kg

Registration Holder / Registrasiehouer:

Erintrade CC t/a R T Chemicals
Co Reg No.: CK2001/036403/23
10 Ninth Avenue / Negenste Laan, Industria, Kroonstad, 9500 TEL: (056) 213 1967

CAUTION / VERSIGTIG

WARNINGS

- Keep out of reach of children, uninformed persons and animals.
- May cause eye irritation.
- Store in a cool place away from food, feedstuffs and fertilizers.
- Do not plant crops other than brassicae and onions within 12 weeks of applying **Chlorthal-Dimethyl 750**.
- Re-entry: Do not enter the treated area until the spray deposit has dried unless wearing protective clothing.

Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be effected by factors such as abnormal soil, climatic and storage conditions; quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the weed against this herbicide as well as by the method, time and accuracy of the application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in event of any uncertainty.

PRECAUTIONS

- Do not inhale dust, fumes or spray mist.
- Wear protective clothing (eye protection, rubber boots, gloves) when handling the concentrate.
- After use and in case of accidental skin contact, wash thoroughly with soap and water.
- In the case of accidental eye contact, flush with clean water for at least 15 minutes. If irritation persists, get medical attention.
- Wash contaminated clothing daily after use.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and change of clothing.
- Prevent contamination of food, feedstuff, eating utensils and drinking water.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- Rinse empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy empty container by perforation and flattening and never use for any other purpose.
- Clean applicator after use and dispose of wash water where it will not contaminate crops, grazing, dams or rivers.
- Cool or cold conditions may reduce the efficacy of **Chlorthal-Dimethyl 750**.
- Do not exceed these **Chlorthal-Dimethyl 750** dosage rates:
 - On light soils (0 – 10% clay) – 10 kg/ha
 - On medium soils (10 – 20% clay) – 12 kg/ha
 - On heavy soils (> 20% clay) – 14 kg/ha.

RESISTANCE WARNING

For resistance management **Chlorthal-Dimethyl 750** is a group code **K1** herbicide. Any weed population may contain individuals naturally resistant to **Chlorthal-Dimethyl 750** and other group code

K1 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **Chlorthal-Dimethyl 750** or any other group code **K1** herbicide.

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same herbicide group code.
- Alternate or tank mix with products from different herbicide group codes.
- Integrate other control methods (chemical, cultural, biological) into weed control programmes.

For specific information on resistance management contact the registration holder of this product.

DIRECTIONS FOR USE: Use only as directed.

APPLICATION:

Pre-mix the required quantity of **Chlorthal-Dimethyl 750** with a small volume of clean water to make a smooth cream. Add water to make up the desired volume, ensuring sufficient agitation during mixing and spraying.

1. Apply to a newly cultivated, weed-free seedbed onto wet soil or wash into the soil with sprinkler irrigation (or rain).
2. This product may adversely affect diseased seeds or weak seedlings.
3. Apply with a motorised spray pump ensuring efficient agitation. Broadcast application is best at 200 to 500 l water/ha.
4. Prevent equipment clogging by ensuring strainers/filters are not finer than 50 mesh.
5. A properly calibrated boom type sprayer at a pressure of approximately 200 kPa is recommended.

CROP	SOIL TYPE	DOSAGE RATE:	REMARKS
Onions Seedbed	0 – 10% clay	8 kg/ha	Apply uniformly to the soil after the seed has been sown and covered.
	10 – 20%clay	10 kg/ha	
	>20% clay	12 kg/ha	
Transplanted & Bulb planted	0 - 10% clay	8 kg/ha	Apply within 1 day after transplanting.
	10 – 20%clay	10 kg/ha	
	> 20% clay	12 kg/ha	
Brassicae (Transplanted Cabbage, Cauliflower and Brussels sprouts in the summer rainfall region)	0 - 10% clay	8 kg/ha	Apply directly over plants within 1 day of transplanting.
	10 – 20% clay	10 kg/ha	
	>20% clay	12 kg/ha	

Weeds controlled

Annual grasses

<i>Digitaria sanguinalis</i>	crab finger grass
<i>Eleusine indica</i>	goose grass
<i>Eragrostis sp.</i>	love grass
<i>Panicum schinzii</i>	vlei Panicum
<i>Poa annua</i>	winter grass
<i>Setaria verticillata</i>	sticky bristle grass
<i>Tragus racemosus</i>	large carrot-seed grass
<i>Urochloa panicoides</i>	herringbone grass

Annual broadleaf weeds

* <i>Amaranthus spp.</i>	Pigweed
<i>Chenopodium spp.</i>	Goosefoot
* <i>Euphorbia spp.</i>	Milkweed
* <i>Physalis angulate</i>	wild gooseberry
<i>Portulaca oleracae</i>	Purslane
<i>Stellaria media</i>	Chickweed

* Use slightly higher rates under adverse climatic and soil conditions.