

Read the label before opening the container.

For full particulars, see enclosed leaflet.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

CHLORTHAL-DIMETHYL 750

South Africa Reg. No: L7738 Act No. 36 of 1947

HRAC HERBICIDE GROUP CODE: K1

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

ACTIVE INGREDIENT:

Chlorthal-dimethyl.....750g/kg

Product Information: 072 678 8226
In case of poisoning: 082 446 8946

enviro
bio-chem

Registration holder: Enviro Crop protection (Pty) Ltd.

Co. Reg. No: CK2007/027855/07

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Expiry Date:

Batch No:

Date of Manufacture:

UN No. Not Regulated

WARNINGS:

- Keep out of reach of children, uninformed persons and animals.
- 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:

- 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.
- Triple rinse empty container in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the 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 content of the spray tank. Empty containers should be taken for local recycling or waste disposal. Do not re-use empty containers.
- 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) – 10,0kg/ha
 - On medium soils (10 – 20% clay) – 12,0kg/ha
 - On heavy soils (>20% clay) – 14,0kg/ha.

RELEVANT SUBSTANCES:

None known.

FIRST AID TREATMENT:

INHALATION: Remove person to fresh air and keep comfortable for breathing.

INGESTION: Immediately call a POISON CENTER or doctor/physician.

SKIN CONTACT: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Immediately call a POISON CENTER or doctor/physician.

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 500ℓ 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 200kPa is recommended.

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

Weeds controlled:

Annual grasses:

BIOLOGICAL NAME	COMMON NAME
<i>Digitaria Sanguinalis</i>	Crab Finger Grass
<i>Eleusine Indica</i>	Goose Grass
<i>Eragrostis Spp.</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

Weeds controlled:

Annual broadleaf weeds:

BIOLOGICAL NAME	COMMON NAME
<i>* Amaranthus Spp.</i>	Pigweed
<i>Chenopodium Spp.</i>	Goosefoot
<i>*Euphorbia Spp.</i>	Milkweed
<i>*Physalis Angulata</i>	Wild Gooseberry
<i>Portulaca Oleracae</i>	Purslane
<i>Stellaria Media</i>	Chickweed

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