

WARNING
KEEP OUT OF REACH OF CHILDREN
READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

HELION

HERBICIDE

**ACTIVE INGREDIENT: 385 g/L MCPB as the sodium salt
in the form of a soluble concentrate**

GROUP 4 HERBICIDE

For the control of broadleaf weeds in pastures (grass/clover) and some crops.

Registered pursuant to the ACVM Act 1997, No. P010149
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to the HSNO Act 1996, Approval No. HSR000416
See www.epa.govt.nz for approval controls



NET CONTENTS: 20L

Registrant:
Kenso Corporation (M) Sdn Bhd
Lot 29, Jalan Sungai Pinang 5/4, Taman Perindustrian Pulau
Indah, 42920 Pelabuhan Klang, Selangor, Malaysia.

NZ Agent:
Kenso NZ Limited
2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand.
Ph: 0800 536 766

HELION HERBICIDE

PERSONNEL QUALIFICATION & EXPERIENCE

This product must be under the control of a Certified Handler or an appropriately trained and experienced person during storage, use and disposal. For guidance refer to the requirements for class 6 and 9 substances of the Health and Safety at Work (Hazardous Substances) Regulations 2017 part 4.5 and the Hazardous Substances (Hazardous Property Controls) Notice 2017 Part 4 Subpart C.

HAZARD CLASSIFICATION

Acute oral toxicity Category 4, Eye Irritation Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1.

WARNING

May be harmful if swallowed. May cause eye irritation. May damage fertility or the unborn child from repeated oral exposure. May cause organ damage from repeated oral exposure at high doses.

Very toxic to aquatic life with long lasting effects. Avoid contamination of any water supply with product or empty container. Do not apply directly onto or into water. Hazardous to soil organism. Hazardous to terrestrial vertebrates.

SELECTIVE HERBICIDE- VERY TOXIC TO SOME PLANT SPECIES.

Beware: Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Ensure compliance with relevant regional air management plans. To minimise the risk of damage from drift of this product, especially where susceptible vegetation is within 0.5km, use low drift nozzles which minimise the production of small droplets (less than 100 micros). Maintain a water rate of at least 30 litres/ha for aerial spraying. Do not add additional wetter unless specified on the label. Preferred wind conditions for spraying are a light constant breeze away from any sensitive crop.

STORAGE

Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, seeds, insecticide, fungicides and fertilisers. Storage must be in accordance with NZS 8409 Management of Agrichemicals.

DISPOSAL

Triple rinse empty container and add residue to spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise, submit empty containers to a local authority approved hazardous waste receipt facility. DO NOT reuse this container for any other purpose.

FIRST AID

If swallowed DO NOT induce vomiting. If splashed in eyes, wash out immediately with water. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately for advice.

SAFETY DATA SHEET

A Safety Data Sheet is available from the Kenso NZ website: www.kenso.co.nz

CONDITIONS OF SALE

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.



EMERGENCY RESPONSE
Ring 0800 CHEMCALL, or
0800 243 622 (24 hours)

Product of Malaysia



9 421028 660433



Batch No.:

Date of Manufacture:

UN NO: 3082

ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID N.O.S.

(CONTAINS MCPB)

PACKING GROUP III

HAZCHEM 2X



In a transport emergency dial 111, Police or
Fire Service. For specialist advice in emergency
only, call 0800 243 622 (24 hours)

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EMERGENCY RESPONSE

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UN NO: 3082



**ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S.**

(CONTAINS MCPB)

PACKING GROUP III, HAZCHEM 2X

CONTAINS SPILLAGE, CLASS 9

**In a transport emergency dial 111,
Police or Fire Service.**

**For specialist advice in emergency only,
call 0800 243 622 (24 hours)**

of at least 30 litres/ha for aerial spraying. Do not add additional wetter unless specified on the label. Preferred wind conditions for spraying are a light constant breeze away from any sensitive crop.

HANDLING PRECAUTIONS EQUIPMENT

Apply using accurately calibrated and maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).

STORAGE

Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, seeds, insecticide, fungicides and fertilisers. Storage must be in accordance with NZS 8409 Management of Agrichemicals.

DISPOSAL

Triple rinse empty container and add residue to spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise, submit empty containers to a local authority approved hazardous waste receive facility. DO NOT reuse this container for any other purpose.

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SAFETY DATA SHEET

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Record Keeping:

Record of use, as described in the relevant HSNO regulations and the New Zealand Standard for the Management of Agrichemicals (NZS8409), must be kept if using more than 3L of Helion Herbicide within 24 hours in a place where members of the public may be present or where the substance may enter air or water and leave the place.

GENERAL INFORMATION

In general, annual and biennial weeds should be sprayed in the seedling/early rosette stages. Certain perennial weeds and others require spraying at special stages – see under “Special Weed Problems”.

Helion Herbicide is slow acting and may take several weeks to effect control, especially under slow growing conditions. For best results always spray under fair, still conditions when weed growth is active. Where two rates are given, use the higher rate for the more advanced weeds.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

DIRECTIONS FOR USE

Crop	Rate	Comments
Pasture (grass/clover): Newly sown pasture (grass/clover) Established pasture (grass/clover) Hay paddocks	3-4 litres in 200 litres of water	Can be applied as soon as the clovers have 2 true trifoliolate leaves and most of the ground is covered. Weeds must be small and actively growing. Spring and autumn application when weeds are small and growing well. Apply soon after shutting up
Crops Linseed Red clover seed White clover seed	3 litres in 200 litres of water	When crop has reached a height of 8cm. Whilst clover is still dormant and before spring growth commences. Apply in spring before flowering commences and after 2 true trifoliolate leaves have formed. When peas are 8-18cm high (ie 5-7 node stage) and weeds in seedling stage.
Peas Undersown cereal	3-4 litres in 200-300 litres of water	When cereal crop is between the 2 true leaf and jointing stage and once the clovers have 2 true trifoliolate leaves. For cereals not undersown use Helion Herbicide.
SPECIAL WEED PROBLEMS		
Californian thistles	4-6 litres in 200 litres of water	Apply to bud formation stage. Regrowths will need respraying.
Giant and creeping buttercups	6 litres in 200 litres of water	Apply at initiation of flowering stalks.
Nodding, variegated and winged thistles		Apply in the late autumn, after the main autumn strike. Repeat in the spring where necessary.

NOTES:

- Weeds Controlled:**
Black nightshade, buttercups, dock seedlings, fathen, fumitory, hedge mustard, narrow-leaved plantain, nettle, redroot, thistles, wild turnip seedlings, willow weed.
- Weeds checked only:**
Combind, field bindweed, shepherd's purse, twincross, wireweed.
- Not effective against:**
Chickweed, dandelion, field speedwell, groundsel, hemlock, stinking mayweed, chamomiles, ragwort, sheep sorrel and spurrey.

Knapsack spraying:

As a general guide use 6-12ml per litre of water and apply as wetting spray.

RESISTANCE MANAGEMENT **GROUP 4 HERBICIDE**

Helion Herbicide contains group 4 herbicide belonging to the phenoxy group of chemistry. Naturally occurring weeds biotypes resistant to Helion Herbicide and other phenoxy herbicides are known to exist. These become more prevalent after many years of continuous use of the product. Species with known resistant biotypes include nodding thistle, giant buttercup and slender winged thistle. Resistance to this herbicide could develop from excessive use. To maximize the effectiveness of herbicides, products containing alternate modes of action should be used in the spray program.

PERSONAL PROTECTION

Wear chemical resistant coveralls, eye protection, gloves and footwear when mixing and/or applying. Use respiratory protection as specified in NZS 8409; Management of Agrichemicals (organic vapour minimum specification) where inhalation of spray mists and vapours will, or is likely to, occur. Wash splashes of concentrate from skin or eyes immediately. Wash hands and face before eating, drinking or smoking and after work. Thoroughly wash/decontaminate protective clothing after use. DO NOT eat, drink or smoke while using.

Spillage:

Collect spillage. Wear appropriate protective clothing and prevent material from entering waterways. Contain liquid spills and absorb with inert material. Dispose of waste safely in an approved hazardous substance waste reception facility or local authority waste transfer station capable of receiving hazardous substance waste.

Transport:

DO NOT carry more than 3 L on a passenger service vehicle. Quantities of 3 L or less carried on a passenger service vehicle must be contained within sealed packaging.

Animal Safety: Poisonous plants (e.g. ragwort) may become more palatable after spraying and stock should be kept away from the area until plants have died down.

Tank Cleaning: Flush spray equipment thoroughly with clean water after use. If equipment used to apply Helion Herbicide is to be used to apply other chemicals to sensitive crops, it must be thoroughly decontaminated using procedures recommended for phenoxy herbicides.

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