

DANGER

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

PARA-KEN 250

HERBICIDE

ACTIVE INGREDIENT: 250 g/litre PARAQUAT as the dichloride salt
in the form of a soluble concentrate.

GROUP 22 HERBICIDE

For the control of weeds in Clover seed crops, Dry Drains & Waterways,
Forestry Nurseries, Lucerne and for Barley grass control.

Registered pursuant to the ACVM Act 1997, No. P010408

See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSNO Act 1996, Approval No. HSR000828

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

PARA-KEN 250 HERBICIDE

Responsible Handling Information is available (on this label) and this information should be read and understood before using this substance.

PERSONNEL QUALIFICATION & EXPERIENCE

This product MUST NOT be used for any purpose or in any manner contrary to the controls and conditions of this registration.

Para-Ken 250 Herbicide must be under the direct control of a Certified Handler/s when handled and/or used.

Para-Ken 250 Herbicide can only be procured by persons qualified as Certified Handlers.

HAZARD CLASSIFICATION

Acute oral toxicity Category 3, Acute inhalation toxicity Category 1, Skin irritation Category 2, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1.

DANGER

Fatal if swallowed. Fatal if inhaled. Causes skin irritation. Causes serious eye irritation. Causes damage to organs through prolonged or repeated exposure.

Very toxic to aquatic organisms with long lasting effects. Toxic to terrestrial vertebrates. Toxic to terrestrial invertebrates.

HANDLING PRECAUTIONS

Store in original container, tightly closed, away from animal and human foodstuffs, medicines, remedies, seeds and fertilisers and under lock and key.

DO NOT use Para-Ken 250 Herbicide in a mistblower. When mixing, applying or when likely to have any exposure to concentrate, mixes or mists/vapours suitable **chemical resistant protective** clothing must be worn including; coveralls, face shield, respiratory protection (organic vapour minimum specification) gauntlet gloves and boots/footwear. When using, do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking. Wash splashes of concentrate from skin or eyes immediately. Wash protective clothing after use. Apply with well maintained and calibrated equipment.

Tracking records MUST be kept. Application, storage and record keeping should be as described in the Management of Agrichemicals NZS8409. DO NOT carry on a passenger service vehicle. Avoid contamination of any water supply with chemical or empty container. Do not transfer this product into food or drink containers, or into unlabelled containers.

STORAGE

Store in original container, tightly closed, in a cool, dry, well ventilated place and protect from sunlight Segregate from human and animal foodstuffs, medicines and remedies, seeds and fertilisers. Store containing quantities of 50 litres or more require signage and quantities of 100 litres or more require secondary containment.

DISPOSAL

Dispose of Para-Ken 250 Herbicide by using according to the label. Otherwise dispose of waste product at an approved hazardous substances receival facility or other local authority

approved facility, or the Agrecovery chemical disposal service (0800 247 326). DO NOT contaminate ponds, waterways, stormwater systems, running drains/ditches with Para-Ken 250 Herbicide or used containers. DO NOT dispose of waste or contaminated material into the sewer.

FIRST AID

IF SWALLOWED: DO NOT induce vomiting. Immediately rinse mouth with water and spit out and if available get patient to ingest activated charcoal, bentonite clay or Fullers Earth. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing has stopped, DO NOT USE DIRECT MOUTH TO MOUTH METHOD. Use alternative respiratory or proper respiratory device. Immediately contact the National Poison Centre 0800 POISON (0800 764 766) or a doctor.

IF ON SKIN: Remove contaminated clothing and flush the affected area with water and soap. If skin irritation occurs, get medical advice/ attention.

IF IN EYES: Rinse cautiously with running water for 15 minutes then get medical attention. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice/ attention.

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 China



UN NO: 3016
BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC
(CONTAINS PARAQUAT)
PACKING GROUP III,
HAZCHEM 2XE
CLASS 6



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

DANGER

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

PARA-KEN

250

HERBICIDE

ACTIVE INGREDIENT: 250 g/litre PARAQUAT as the dichloride salt in the form of a soluble concentrate.

GROUP 22 HERBICIDE

For the control of weeds in Clover seed crops, Dry Drains & Waterways, Forestry Nurseries, Lucerne, and for Barley grass control.

Registered pursuant to the ACVM Act 1997, No. P010408
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to the HSNO Act 1996, Approval No. HSR000828
See www.epa.govt.nz for approval controls



Kenso Corporation (M) Sdn Bhd
2 Bond Crescent, Forrest Hill,
Auckland 0620 New Zealand
Phone: 0800 536 766

Responsible Handling Information is available (on this label) and this information should be read and understood before using this substance.

PERSONNEL QUALIFICATION & EXPERIENCE

This product MUST NOT be used for any purpose or in any manner contrary to the controls and conditions of this registration.

Para-Ken 250 Herbicide must be under the direct control of a Certified Handler/s when handled and/or used.

Para-Ken 250 Herbicide can only be procured by persons qualified as Certified Handlers.



HAZARD CLASSIFICATION

Acute oral toxicity Category 3, Acute inhalation toxicity Category 1, Skin irritation Category 2, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1.

DANGER

Fatal if swallowed. Fatal if inhaled. Causes skin irritation. Causes serious eye irritation. Causes damage to organs through prolonged or repeated exposure.

Very toxic to aquatic organisms with long lasting effects. Toxic to terrestrial vertebrates. Toxic to terrestrial invertebrates.

HANDLING PRECAUTIONS

Store in original container, tightly closed, away from animal and human foodstuffs, medicines, remedies, seeds and fertilisers and under lock and key.

DO NOT use Para-Ken 250 Herbicide in a mistblower. When mixing, applying or when likely to have any exposure to concentrate, mixes or mists/vapours suitable **chemical resistant protective** clothing must be worn including; coveralls, face shield, respiratory protection (organic vapour minimum specification) gauntlet gloves and boots/footwear. When using, do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking. Wash splashes of concentrate

FIRST AID

IF SWALLOWED: DO NOT induce vomiting. Immediately rinse mouth with water and spit out and if available get patient to ingest activated charcoal, bentonite clay or Fullers Earth. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. **IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing has stopped, DO NOT USE DIRECT MOUTH TO MOUTH METHOD. Use alternative respiratory or proper respiratory device. Immediately contact the National Poison Centre 0800 POISON (0800 764 766) or a doctor. **IF ON SKIN:** Remove contaminated clothing and flush the affected area with water and soap. If skin irritation occurs, get medical advice/ attention. **IF IN EYES:** Rinse cautiously with running water for 15 minutes then get medical attention. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice/ attention.

SAFETY DATA SHEET

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

CONDITION 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.

Registered pursuant to the ACVM Act 1997, No. P010408

See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSNO Act 1996, Approval No. HSR000828

See www.epa.govt.nz for approval controls

Batch No. :

Date of Manufacture:

from skin or eyes immediately. Wash protective clothing after use. Apply with well maintained and calibrated equipment.

Tracking records MUST be kept. Application, storage and record keeping should be as described in the Management of Agrichemicals NZS8409. DO NOT carry on a passenger service vehicle. Avoid contamination of any water supply with chemical or empty container. Do not transfer this product into food or drink containers, or into unlabelled containers.

SYMPTOMS OF POISONING

An early symptom may be vomiting, although other symptoms include stomach pains, nausea and burning of the mouth. In the event of any of the above symptoms the first aid treatment prescribed below must be immediately followed in full.

Spillage:

Contain and collect the spillage, taking particular care to prevent entry to drains or waterways.

Keep people away. Wear suitable chemical resistant protective clothing; coveralls, face shield, respiratory protection (organic vapour minimum specification) gauntlet gloves and boots/footwear. Prevent the product or spilled material from entering water bodies. Absorb spillage with inert material such as earth or sand and place in waste containers. Wash area with water and detergent and absorb with further inert material. Dispose of safely.

USE RESTRICTIONS

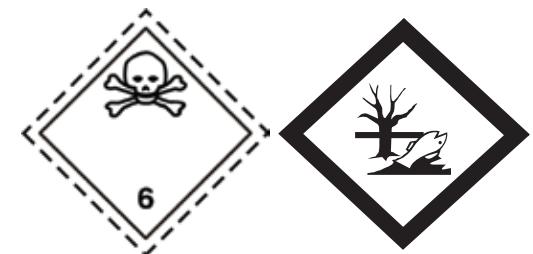
No person can apply Para-Ken 250 Herbicide except for agricultural or biosecurity purposes. The definition of Agricultural purposes include; use for agricultural and horticultural production purposes, including commercial forestry nurseries, commercial cropping systems and commercial ornamental horticulture production. It DOES NOT include forestry plantations, biosecurity purposes, amenity horticulture, and publicly accessible areas or horticulture, which would otherwise be considered domestic properties.

No person may use Para-Ken 250 Herbicide for biosecurity purposes without first obtaining permission from the EPA under section 95A of the HSNO act 1996. Biosecurity purposes means use for operations carried out under the Biosecurity Act 1993.

EMERGENCY RESPONSE

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

UN NO: 3016



BIPYRIDIUM PESTICIDE, LIQUID, TOXIC (CONTAINS PARAQUAT)

PACKING GROUP III,

HAZCHEM 2XE

CLASS 6

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

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

Para-Ken 250 Herbicide must be under the direct control of a Certified Handler/s when handled and/or used.

Para-Ken 250 Herbicide can only be procured by persons qualified as Certified Handlers.

STORAGE

Store in original container, tightly closed, in a cool, dry, well ventilated place and protect from sunlight Segregate from human and animal foodstuffs, medicines and remedies, seeds and fertilisers. Store containing quantities of 50 litres or more require signage and quantities of 100 litres or more require secondary containment.

DISPOSAL

Dispose of Para-Ken 250 Herbicide by using according to the label. Otherwise dispose of waste product at an approved hazardous substances receival facility or other local authority approved facility, or the Agerecovery chemical disposal service (0800 247 326). DO NOT contaminate ponds, waterways, stormwater systems, running drains/ditches with Para-Ken 250 Herbicide or used containers. DO NOT dispose of waste or contaminated material into the sewer.

CONTAINER DISPOSAL

Triple rinse empty containers and add rinsate to the spray tank. Apply as per the label or distribute over appropriate (safe areas) waste ground not exceeding maximum permissible per hectare rates. Recycle empty containers through the Agerecovery container recycling service (0800 247 326). Otherwise submit to an approved local authority refuse receival facility.

BUFFER ZONE RESTRICTIONS

Application of Para-Ken 250 Herbicide requires the utilisation of down-wind buffer zones to minimise or eliminate possible off target spray drift into sensitive areas. Applicators of Para-Ken 250 Herbicide must comply with the following Buffer Zones Distances as shown in the table below:

Application method	Sensitive receptor	Downwind buffer zone	
		Application rate of less than 1.6 L/ha	Application rate of 1.6-2.4 L/ha
All ground-based application methods (excluding use of non-motorised handheld equipment)	Aquatic organisms	Nil	5 m
	Non-target plants (non-threatened)	Nil	5 m
	Non-target plants (threatened)	5 m	5 m
All aerial applications	Aquatic organisms	5 m	15 m
	Non-target plants (non-threatened)	40 m	40 m
	Non-target plants (threatened)	60 m	100 m

These buffer zones distances are the minimum distances required between the outer margin of a sprayed area corresponding to the closest outer margin of a sensitive area.

APPLICATION WEATHER (WIND) CONDITIONS

Do not apply Para-Ken 250 Herbicide when wind speeds are less than 3 km/h or more than 20 km/h as measured at the application site.

PROTECTION OF WATER BODIES

Always identify any water bodies before spraying Para-Ken 250 Herbicide and ensure adequate spray area distance observation as specified in BUFFER ZONE RESTRICTIONS to eliminate water way contamination. Do not mix or decent Para-Ken 250 Herbicide in areas that have direct/indirect drainage to waterways/storm water systems.

PROTECTION OF BIRDS

Wild and farmed/domestic birdlife must be kept away from the application and immediate adjoining areas during application. If birdlife is likely to be present shortly after application (until weed desiccation) in the sprayed areas then methods to keep away/scare birds should be used prior to and after application of Para-Ken 250 Herbicide to ensure birdlife does not become exposed to Para-Ken 250 Herbicide.

PROTECTION OF BEES

Para-Ken 250 Herbicide is toxic to bees. Application of Para-Ken 250 Herbicide must not be made to any crop, plant, tree or vegetation, or any areas that bees may frequent (including on or near beehives) or in areas where bees are foraging, either at the time of application or immediately after application until the spray fully has dried.

MAXIMUM APPLICATION RATE RESTRICTIONS

Maximum allowable application rate as a single application must not exceed 2.4L/ha of Para-Ken 250 Herbicide (equates 600g/ha paraquat active ingredient per application).

Maximum application rate per year as single and/or multiple applications must not exceed 2.4L/ha of Para-Ken 250 Herbicide in total (equates 600g/ha paraquat active ingredient per application). This means Para-Ken 250 Herbicide can be applied once a year using the maximum rate of 2.4L/ha in a single 12 month period or a reduced rate be applied more than once per year but must not exceed a combined total of 2.4L/ha in any 12 month period. e.g. 2 applications at a rate of 2.2 L/ha. NB: These restrictions do not necessarily extend to biosecurity use. Permission to use Para-Ken 250 Herbicide for Biosecurity purposes must first be obtained from the EPA (under section 95A of the HSNO ACT 1996.)

SPRAY DROPLET SIZE REQUIREMENTS

Ground-based and Aerial application: Applications of Para-Ken 250 Herbicide must be applied using a sprayer calibration that delivers a minimum of coarse, to very coarse, droplet size of the spray plume.

Refer to the American Society of Agricultural and Biological Engineers (ASABE) droplet size classification scheme (American National Standard ANSI/ASABE S572.1, March 2009) for specification of the Coarse to Very Coarse Droplet Sizes.

GENERAL INFORMATION

Para-Ken 250 Herbicide is a non-residual fast-acting herbicide active on green plant tissues only. Most grasses and flat weeds are controlled, but clovers recover quickly. It is inactivated on contact with the soil. Contents of this container are dyed blue for identification. Apply this product carefully as it may cause serious damage to non-target plants.

BEWARE: Apply this product carefully. Spray drift may cause serious damage to other desirable plants.

MIXING

Para-Ken 250 Herbicide contains sufficient wetting agents for most uses. Add the required quantity of product to the spray tank and agitate to give even mixing. Agitate again if left standing. Use only clean water for mixing.

APPLICATION

Can be applied by air or ground equipment. Conventional spray equipment may be used but complete coverage of the weed foliage is essential. For boom spraying 200 to 300 litres of water per hectare will generally give optimum coverage. At the completion of spraying all application equipment should be thoroughly washed. Two or three changes of clean water are usually sufficient.

DIRECTIONS FOR USE

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.

Crop / Situation	Weeds Controlled	Rate	Critical Comments
Banks of Drains and Waterways	Grasses, Broadleaf weeds, emerged aquatic weeds	Handgun/Knapsack: 600 ml per 100 L of water. DO NOT apply more than 400L of prepared spray mixture per ha per year.	Note: Para-Ken 250 Herbicide must not be applied directly onto or into water. Apply only when drains are dry, and to emerged weeds, where spray cannot come in contact with water.
Cloverseed crops	Suppression of Ryegrass, volunteer grasses, and control of flat weeds	Boom: 1.2-1.6 L in 250 - 300 L of water/ha. DO NOT apply more than 2.4 L of product per ha per year.	Apply 2 weeks before closing. If irrigation is available water the crop 1 or 2 weeks after spraying.
Fence Lines, Stock Yards	General weeds	Handgun/Knapsack: 400 ml per 100 L of water. DO NOT apply more than 600L of prepared spray mixture per ha per year.	For a clean up of weeds along fence lines and around stock yards.
Forestry Nurseries	Grasses, Broadleaf weeds	1.6 L/100 L of water	For spot applications.
Lucerne	Most fibrous rooted grasses and Annual Broadleaf weeds	Boom: 1.6-2.4 L with 0.8-1.4 kg simazine (90% a.i.) in 250-300 L of water/ha. DO NOT apply more than 2.4 L of product per ha per year.	Apply this mixture during winter (when lucerne is dormant). The mixtures should be well agitated before and during spraying.
	Shepherd's Purse, Subterranean clover in established stands	Boom: 1.6-2.4 L with 850 g Atrazine 900 WG Herbicide in 250-300 L of water/ha. DO NOT apply more than 2.4L of product per ha per year.	
Non-selective Weed Control	Barley grass	Handgun/Knapsack: Apply 240 ml/100 L of water DO NOT apply more than 1000L of prepared spray mixture per ha per year.	Apply while the seedhead is still green will kill the seed. DO NOT spray once the seedheads have begun to turn brown. Ensure complete wetting of plants and seedheads.
	Barley grass (vegetative or green seedhead stage)	Handgun/Knapsack: Apply 240 ml with 90 g simazine (90% a.i.)/100 L of water. DO NOT apply more than 1000L of prepared spray mixture per ha per year.	Gives complete control of plants and seeds and proofs sprayed areas against reinfestation for up to 6 months. The mixture can be applied during autumn, winter and early spring. The mixture is not recommended for selective control of Barley Grass in pasture. DO NOT spray once seedheads have begun to turn brown.
	Australian Sedge	Handgun: 100 ml plus 500 ml 2,4-D (72% a.i.) per 100 L of water. DO NOT apply more than 2400L of prepared spray mixture per ha per year.	Apply in the active growth period between November and April. Ensure thorough wetting of all foliage.
	Tall fescue, Rushes	Handgun: 600 ml in 100 L of water. DO NOT apply more than 400L of prepared spray mixture per ha per year.	Spot spray during spring and autumn, preferably to regrowth following hard grazing or mowing.

WITHHOLDING PERIODS

Do not apply in kiwifruit orchards within 9 weeks of harvest or in pipfruit orchards between bud burst and harvest.

RESISTANCE MANAGEMENT GROUP 22 HERBICIDE

Para-Ken 250 Herbicide contains a group 22 Bipyridium herbicide, paraquat. Do not use another product containing herbicides in the same group in conjunction with Para-Ken 250 Herbicide. Where possible, alternate the types of herbicides used within any one paddock over time. Herbicides from different group codes should either be used alternately or mixed together to prevent the numbers of resistant individuals building up. For further resistance management information refer to <https://resistance.nzpps.org>.