DANGEROUS POISON

KEEP OUT OF REACH OF CHILDREN
CAN KILL IF SWALLOWED
DO NOT PUT IN DRINK BOTTLES
KEEP LOCKED UP
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

KENSO AGCARE

PARA-KEN 334

HERBICIDE

ACTIVE CONSTITUENT: 334 g/L PARAQUAT present as PARAQUAT DICHLORIDE

GROUP 22 HERBICIDE

For the control of certain grasses and broadleaf weeds as per directions for use.

Kenso Corporation (M) Sdn Bhd
Level 1, 98 Commercial Road,
Teneriffe QLD 4005
Phone (07) 3216 1188
www.kenso.com.au

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

CONTENTS: 1000 Litres APVMA Approval No.: 64430/ RV2026

KENSO AGCARE PARA-KEN 334 HERBICIDE

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE. THIS PRODUCT IS TOO HAZARDOUS TO BE USED IN THE HOME GARDEN.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Do not store for prolonged periods in direct sunlight.
Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Very dangerous, particularly the concentrate. Do not swallow. The product, particularly the concentrate, can kill if swallowed, absorbed through the eyes or absorbed by skin contact. The liquid can cause burns particularly to the eyes. Will irritate the nose, throat and skin. When handling, do not touch or rub eyes, nose or mouth with hand. Avoid contact with eyes and skin, open wounds and clothing. Protect eyes while using.
If clothing becomes contaminated with product or with wet spray remove clothing immediately. Do not inhale spray mist. Do not allow children to play with containers or any equipment that is used.
When connecting, disconnecting and cleaning equipment wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat, impervious footwear, elbow-length chemical resistant gloves and a full-face respirator with canister specified for paraquat/diquat OR half face-piece respirator with canister specified for paraquat/diquat and face shield or goggles.
When applying by hand wand wear cotton overalls, over normal clothing, buttoned to the neck and wrist and a washable hat, impervious footwear, elbow-length chemical resistant gloves and a full-face piece respirator with a canister specified for paraquat/diquat.
After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves, face shield or goggles, respirator (and if rubber wash with detergent and warm water) and footwear.

FIRST AID

If poisoning occurs, get to a doctor or hospital quickly. If sprayed on skin, wash thoroughly. If sprayed in mouth, rinse mouth with water. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which can be obtained from www.kenso.com.au

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.

In a Transport Emergency
Dial **000**
Police or Fire Brigade

KENSO agcare

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: **TOXIC IF SWALLOWED. TOXIC IN CONTACT WITH SKIN. CAUSES SERIOUS EYE IRRITATION. FATAL IF INHALED. MAY CAUSE RESPIRATORY IRRITATION. CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.** *Precautionary:* Do not breathe dust/fume/gas/mist/vapours/spray. Wash contacted areas thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear eye protection/face protection. Wear gloves/clothing/respiratory protection. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: 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. Specific treatment is urgent (see FIRST AID on this label). Rinse mouth. If eye irritation persists: Get medical advice/attention. Take off immediately all contaminated clothing and wash it before reuse. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Batch No.:
Date of Manufacture:

07/26

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PARA-KEN 334

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GROUP 22 HERBICIDE

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READ THIS LEAFLET BEFORE USE

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When connecting, disconnecting and cleaning equipment wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat, impervious footwear, elbow-length chemical resistant gloves and a full-face respirator with canister specified for paraquat/diquat OR half face-piece respirator with canister specified for paraquat/diquat and face shield or goggles.
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® are not registered trademark of Kenso

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RESISTANT WEEDS WARNING

GROUP 22 HERBICIDE

Para-Ken 334 Herbicide is a member of the bipyridyls group of herbicides. Para-Ken 334 has the inhibitor of photosynthesis at photosystem I mode of action. For weed resistance management Para-Ken 334 is a Group 22 herbicide. Some naturally-occurring weed biotypes resistant to Para-Ken 334 and other Group 22 herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by ParaKen 334 or Group 22 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Kenso Corporation (M) Sdn Bhd accepts no liability for any losses that may result from the failure of Para-Ken 334 to control resistant weeds.

RESTRAINTS

DO NOT remove contents except for immediate use.
DO NOT continue to use if eye irritation or bleeding from the nose occurs.
DO NOT apply by aircraft, misting machines or manually pressurised handheld equipment.
DO NOT apply by spraying equipment carried on the back of the users.
DO NOT use open mixing/loading equipment. Closed mixing and loading MUST be used.
DO NOT add wetter unless spraying at high volume. Where Para-Ken 334 is mixed with water at less than 400 mL/100 L of water, add 100 mL Agral or 60 mL Ken-Wett 1000 per 100 L of spray.
DO NOT apply if heavy rains or storms are forecast within 3 days.
DO NOT spray plants which are waterlogged, under stress of any kind or covered with soil or dust.
DO NOT spray plants covered with heavy dew, but rain following spraying will not affect results.
DO NOT irrigate to the point of field runoff for at least 3 days after application.
DO NOT sow or cultivate for 1 hour after spraying but operations should commence within 7 days.

For small scale applications up to 6 ha per day:
DO NOT apply using open cab equipment unless using a PF10 respirator.
For applications greater than 6 ha per day:
DO NOT apply using open cab equipment. Enclosed cab applications MUST be used.
For hand spray applications:
DO NOT use hand wand sprays by spraying out of the window of a vehicle.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift
DO NOT allow bystanders to come into contact with the spray cloud.
DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The advisory buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.
DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.
DO NOT apply if there are surface temperature inversion conditions present at theapplication site during the time of application. These conditions exist most eveningsone to two hours before sunset and persist until one to two hours after sunrise.
DO NOT apply by a boom sprayer unless the following requirements are met:
- spray droplets not smaller than a MEDIUM spray droplet size category
- minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer zones for boom sprayers

Application rate	Boom height above the target canopy	Mandatory downwind buffer zones (metres)				
		Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to 600mL/ha	0.5 m or lower	5	250	0	0	0
Up to 450mL/ha	0.5 m or lower	0	160		0	
Up to 300mL/ha	0.5 m or lower	0	100		0	
	1.0 m or lower	20	325		15	

LIVESTOCK DESTINED FOR EXPORT MARKETS

The grazing withholding period only applies to stock slaughtered for the domestic market. Some export markets apply different standards. To meet these standards, ensure that in addition to complying with the grazing withholding period, the export slaughter interval is observed before stock are sold or slaughtered.

EXPORT SLAUGHTER INTERVAL (ESI) 13 DAYS

Livestock that has grazed on or been fed treated crops should be placed on clean feed for 13 days prior to slaughter.

EXPORT OF TREATED PRODUCE

Growers should note that maximum residue limits (MRLs) or import tolerances may not exist in all markets for chickpeas, faba beans, field peas, lentils or lupins treated with KENSO AGCARE PARA-KEN 334 HERBICIDE. If you are growing chickpeas, faba beans, field peas, lentils or lupins for export, please check with Kenso Corporation (M) Sdn. Bhd. for the latest information on MRLs and import tolerances before using KENSO AGCARE PARA-KEN 334 HERBICIDE.

RE-ENTRY PERIOD

DO NOT allow entry to treated areas until the spray has dried unless using an enclosed cab or wearing cotton overalls and gloves.

PRECAUTIONS

This formulation should not be applied on or near water which is used for human consumption.

PROTECTION OF LIVESTOCK

This formulation should not be applied on or near water which is used for livestock watering

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life.
DO NOT contaminate wetlands or watercourses with this product or used containers. This formulation should not be applied on or near water which is used for commercial or recreational fishing.
Toxic to birds and native mammals. However, the use of this product as directed is not expected to have adverse effects on birds and native mammals.
Toxic to beneficial arthropods. Not compatible with integrated pest management (IPM) programs utilising beneficial arthropods. Minimise spray drift to reduce harmful effects on beneficial arthropods in non-crop areas.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Do not store for prolonged periods in direct sunlight.
Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

DIRECTIONS FOR USE

Crop use or Situation	Weeds controlled	State	Rate/ha	Critical Comments
Aid to Cultivation to minimise cultivation and prepare a clean bed for sowing	Wild oats at 2-5 leaf stage in autumn/ winter.	QLD, VIC, SA, TAS, NT only	450 mL to 600 mL	Apply by ground boom only. Where cultivation follows spraying, it may commence one hour after spraying but should be completed within 7 days. Where heavy weed growth is present at spraying a better seed bed will result if cultivation is delayed 3-5 days. Pasture: Remains of old pasture should be reduced by heavy grazing. Remove stock 3-5 days before spraying to allow fresh growth.
		NSW, ACT only	450 mL	
Rice	Annual grass and broadleaf weed control.	QLD, NSW, NT only	600 mL	Apply by ground boom only. Post-sowing, pre-crop emergence.
Spray topping to reduce seed set Chickpeas Faba beans Field peas Lentils Lupins	Annual ryegrass	All States	300 mL or 600 mL	**As an aid in managing annual ryegrass resistance.** **For use on escapes from a previous herbicide application in the current crop.** Apply by ground boom only in spray volume of 50-100 L/ha. Spray with a calibrated boom spray raised to give double overlap at the level of the ryegrass seed heads. Spray the crop when the last ryegrass seed heads at the bottom of the plant have emerged and the majority are at or just past flowering (with anthers present or glumes open) but before haying off is evident - usually October to November. Reduction in crop yield may occur especially if the crop is less advanced relative to the ryegrass, that is if crops have a majority of green immature pods.
Peanuts Post-emergence (in crop)	*Datura* spp. (2 to 4 leaf)	QLD, NT only	300 mL	Apply by ground boom only. Spray peanuts up to 7-8 leaf stage but before majority of plants are flowering. Foliage will be scorched following application, but plants recover rapidly. Apply in spray volume of 200 - 250 L/ha for thorough coverage of weed foliage. A dense canopy of weeds may reduce weed control due to shielding. Add 100 mL Agral or 60 mL Ken-Wett 1000/100 L of spray mix. Do not use alkaline or anionic wetting agents. Do not spray (on peanuts) under extremely hot dry conditions when peanuts are very small.
	Annual ground cherry (2 to 3 leaf) Apple-of-Peru (2 to 4 leaf) Milkweed (2 to 3 leaf)		450 mL	
	Stagger weed (2 to 3 leaf) Blue heliotrope (2 to 3 leaf) Wandering Jew (2 to 3 leaf) Anoda weed (2 to 3 leaf)		600 mL	

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE.
THIS PRODUCT IS TOO HAZARDOUS TO BE USED IN THE HOME GARDEN.

WITHHOLDING PERIODS
GRAZING:
LIVESTOCK: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 1 DAY AFTER APPLICATION.
HORSES: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.
HARVEST:
CHICKPEAS, FABA BEANS, FIELD PEAS, LENTILS AND LUPINS - DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.
OTHER USES: NOT REQUIRED WHEN USED AS DIRECTED

GENERAL INSTRUCTIONS
This product kills annual grasses and most annual broadleaf weeds (excluding capeweed) in specified situations and should not be used for any other purpose. Quickly kills green plant tissue on contact. Is immediately inactivated in the soil. At spraying, weeds should be growing vigorously and must not be covered with soil or heavy dew. The principle of selective weed control with this product is that annual weeds are killed but perennial plants and clovers recover after an initial scorch. The control of annual weeds by spraying with this product will allow the desirable perennial species to thicken up at the expense of the weeds. Moisture and fertility should not be limiting at spraying and the proportion of desirable species must be great enough for them to fill in the areas previously occupied by weeds. Long-term weed control can be obtained following the quick knockdown given by this product if it is combined with soil residual chemicals.

1. Mixing
Add the required quantity of product to water in the spray tank and agitate to give even mixing. Agitate again if left standing.

2. Clean water
Mix this product with clean water only. Water should be clean and free from clay, silt and algae. Providing it meets this requirement, saline water, water collected from roofs, bore water, dam water and water from creeks may be used.

3. Application
(i) Cereals and Broadacre Spraying
Use only through a properly calibrated boom spray which should be fitted with flat fan jets and adjusted to a height to give at least double overlap of the spray at the top of the weeds being sprayed. It is essential that a good marking or guidance system be used. If a disc marker is used, it must be mounted so as to turn the soil back on to the area sprayed. It is essential to obtain good leaf coverage with the spray and volumes of dilute spray must be adjusted according to density of weed growth. 100 L/ha may be used for seedlings or well grazed weeds up to 2 cm high. For plant height 2-5 cm use 150 L/ha and up to 6-10 cm use 200 L/ha. Spray volumes may be as low as 50 L/ha (30 L/ha in WA) for weed growth below 5 cm high, or for spray topping. Equipment must be appropriate to this volume, properly calibrated and fitted with spraying tips designed to give spray droplets not smaller than a MEDIUM spray droplet size.
(ii) High Volume Application
Higher volumes will generally be required to give good coverage of weed growth in situations other than those specified under cereals and other broadacre crops.

(iii) Wash spray equipment with clean water immediately after use. This product is highly corrosive to metals, particularly galvanised iron and aluminium and should not be left for long periods in tanks or equipment made of these materials.