

# DANGER

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

# ALAKEN 480 EC

HERBICIDE

ACTIVE INGREDIENT: 480 g/litre ALACHLOR in the form of an emulsifiable concentrate.

GROUP **15** HERBICIDE

Selective pre-emergence herbicide for the control of certain grasses in Maize, Sweetcorn, Soyabeans and various Vegetable Crops.



Registered pursuant to the ACVM Act 1997, No. P009080  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions  
Approved pursuant to the HSNO Act 1996, Approval No. HSR101602  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls

NET CONTENTS: 20L

Registrant:  
**Kenso Corporation (M) Sdn Bhd**  
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Indah, 42920 Pelabuhan Klang, Selangor, Malaysia.

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

## PERSONNEL QUALIFICATION & EXPERIENCE

This product must be under the control of 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, Acute inhalation toxicity Category 4, Serious eye damage Category 1, Skin sensitisation Category 1, Carcinogenicity Category 2, Aspiration hazard Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 2

## DANGER

Harmful if swallowed. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Hazardous to soil organisms. Hazardous to terrestrial vertebrates

## HANDLING PRECAUTIONS

### STORAGE

Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, seeds, and fertilisers. Storage must be in accordance with NZS 8409 Management of Agrichemicals. Stores containing quantities of 100 litres or more require signage and secondary containment.

### PERSONAL PROTECTION

Avoid contact with skin or eyes. In case of any exposure to concentrate, sprays, mists or vapours, wear full respiratory protection, (at least to organic vapour specification) eye protection and chemical resistant: coveralls, footwear and gloves. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

### DISPOSAL

Triple rinse empty container and add residue to spray tank. Recycle empty container through Agrecovery (0800 247 326, [www.agrecovery.co.nz](http://www.agrecovery.co.nz)). Dispose of this product only by using according to the label, or at an approved hazardous substances waste management facility or other approved facility.

### SPILLAGE

Extinguish any ignition sources. Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in a waste container. Wash area with water and detergent, and absorb with further inert material. Dispose of safely to an approved waste disposal facility.

### RESISTANCE MANAGEMENT **GROUP 15 HERBICIDE**

Alaken 480 EC Herbicide is a member of the chloroacetamide chemical family. Resistance to this and other chloroacetamide or oxoacetamide herbicides could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions and rotate use with herbicides with a different mode of action. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops listed on this label.

### APPLICATION METHODS

Alaken 480 EC Herbicide must be applied by ground-based method only. Use conventional boom spraying equipment fitted with fan tip nozzles. Use a spray pressure of 200 - 280 kPa and a water rate of 200 - 400 litres per hectare. Flush out spray equipment thoroughly following use. Use detergent in water then finally flush with clean water. DO NOT applied when wind speeds are less than 3 km/h, or more than 20 km/h as measured at the application site.

### COMPATIBILITY

Compatible with most commonly used herbicides.

### RAINFALL

Up to 13mm of rain or irrigation is required within 10 days of application to activate the herbicide.

### MIXING

Alaken 480 EC Herbicide mixes readily with water. To ensure mixing pour the correct amount into the partly filled tank and add the remainder of the water while agitating. Agitate thoroughly before and during spraying and before spraying after a stoppage.

### SURFACE BLENDING

If soils are very dry and rain is not expected within 10 days, surface blend to a depth of 25 - 50mm using a roller tiller or similar type equipment at a speed of not less than 10kph soon after application.

### GENERAL INFORMATION

Alaken 480 EC Herbicide is a selective pre-emergence herbicide for the control of certain grasses in maize, sweetcorn, soyabeans and various vegetable crops.

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

## DIRECTIONS FOR USE

Weeds	Crops	Rate per Hectare	Critical Comments
Annual Poa, Barnyard grass, Black nightshade, Bristle grass, Crowfoot grass, Fathen, Redroot, Summer grass and Witchgrass	Cucurbits, squash and pumpkins	2 - 4 litres in 200 - 400 litres of water/ha	Use the higher rate on soils high in organic matter or clay content. Crop injury may result from higher rates on light textured soils, shallow seeding or heavy rain immediately after application. Do not surface blend.
	Kumara	4 litres in 200 - 400 litres of water/ha	Apply immediately after planting.
	Maize - Sweetcorn	7 litres in 200 - 400 litres of water/ha	Alternatively use 5.5 - 7 litres plus 2 - 3.5 litres of Atrazine 500 g/L. The higher rate should be used on soils high in clay or organic matter. The addition of Atrazine 500 g/L will extend the spectrum of weeds controlled. Do not apply after the crop has emerged as injury may result.
	Onions	3 - 5 litres in 200 - 400 litres of water/ha	Apply after the crop has two true leaves and prior to emergence of grass weeds. Use the higher rate on soils high in organic matter or clay content.
	Soyabeans	7 litres in 200 - 400 litres of water/ha	Apply immediately after sowing. If willow weed is expected use 6 litres plus 2kg Linuron 500g/kg per hectare. On soils high in peat or clay, use 7.5 litres, plus 3 kg Linuron 500 g/kg per hectare.
	Vegetable Brassicas - Brussels sprouts and cauliflower transplants.	6 litres in 200 - 400 litres of water/ha	Apply immediately after transplanting.

### FIRST AID

If swallowed DO NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If inhaled move the victim to fresh air immediately, begin artificial respiration if the victim is not breathing. Use mouth to nose rather than mouth to mouth. Obtain immediate medical attention. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If concentrate or spray solution enters the eyes immediately flush eyes with water for at least 15 minutes.

### SAFETY DATA SHEET

A Safety Data Sheet is available from the Kenso NZ website: [www.kenso.co.nz](http://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 CHEMICAL, or  
0800 243 622 (24 hours)

Product of China



9 421028 660679

Batch No.:

Date of Manufacture:

UN NO: 3082

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

(CONTAINS ALACHLOR)

PACKING GROUP III, HAZCHEM 2X

CLASS 9



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