

# DANGER

KEEP OUT OF REACH OF CHILDREN  
READ LABEL BEFORE MIXING OR APPLYING

# FLUROKEN 333 HERBICIDE

**ACTIVE INGREDIENT: 333 g/litre FLUROXYPYR as methyl heptyl ester  
in the form of an emulsifiable concentrate**

**GROUP 4 HERBICIDE**

For the control of broad-leaved weeds in cereals and apples.

Registered pursuant to the ACVM Act 1997, No. P009648  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions  
Approved pursuant to the HSN0 Act 1996, Approval No. HSR007780  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions



**NET CONTENTS: 10L**

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

# FLUROKEN 333 HERBICIDE

## 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, 8 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

Flammable liquid Category 4, Aspiration hazard Category 1, Serious eye damage Category 1, Hazardous to soil organisms, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

## DANGER

Combustible liquid. Causes serious eye damage. May be fatal if swallowed and enters airways.

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Do not apply Fluroken 333 Herbicide into or onto water. Avoid contamination of any water supply with chemical or empty container.

Selective herbicide – very toxic to some plant species. Certain plants may be killed or damaged from contact with this product. Do not allow spray drift to occur outside the target area.

## PRECAUTIONS

### STORAGE

Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals. Stores containing 100 litres are subject to secondary containment and signage and more than 100 litres require emergency response plans.

### 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)). Otherwise submit empty containers to a local authority approved receipt facility. DO NOT reuse this container for any other purpose.

### 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 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.

## SAFETY DATA SHEET

A Safety Data Sheet is available from 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 CHEMCALL, or  
0800 243 622 (24 hours)

Product of Malaysia



9 421028 661171



Batch No.:

Date of Manufacture:

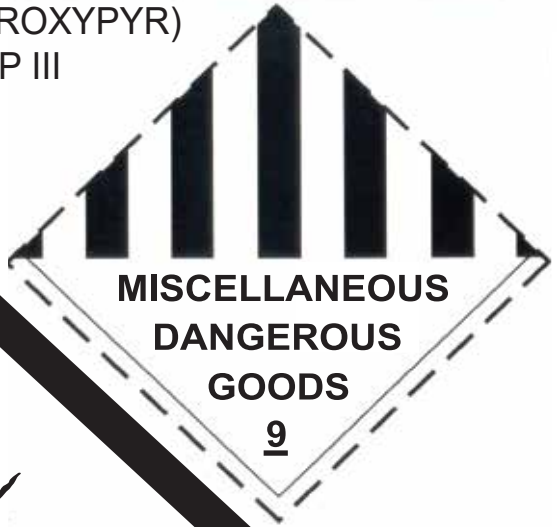
UN NO: 3082

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

(CONTAINS FLUROXYPYR)

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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Auckland 0620 NZ  
Phone: 0800 536 766



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UN NO : 3082



**ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
LIQUID N.O.S.  
(CONTAINS FLUROXYPYR)  
MARINE POLLUTANT  
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).**

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## PERSONAL PROTECTION

Avoid contact with skin or eyes and inhalation of spray mist.

When mixing or applying wear eye protection, chemical resistant coveralls buttoned to the neck and wrist, gloves and boots. Wear respiratory protection to at least Organic Vapour Protection level if inhalation of mists or vapours is likely. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

## EQUIPMENT

Apply using accurately calibrated and well maintained equipment. Thoroughly decontaminate equipment before spraying crops which are sensitive to fluroxypyr.

## Spillage

Wear appropriate protective clothing and prevent material from entering waterways. Contain liquid spills and absorb with inert material and place in waste containers. Wash area with water and detergent and absorb with further inert material. Dispose of waste safely in an approved landfill.

## Transport

Do not carry Fluroken 333 Herbicide on a passenger service vehicle.

## Record Keeping

Records of use as described in NZS8409 Management of Agrichemicals must be kept.

## DIRECTIONS FOR USE

Fluroken 333 Herbicide can be applied to actively growing weeds using conventional ground spraying equipment. Do NOT apply to plants which may be stressed due to prolonged periods of extreme cold, waterlogging, drought, disease or previous herbicide treatment as reduced levels of control may result.

Use 100 – 200 litres of water per hectare for early/mid season applications. For late season applications use 300 litres of water per hectare to obtain more complete coverage. Do not apply more than 1 litre Fluroken 333 Herbicide per hectare or more than one application per season. Do not apply if rain is likely to occur within two hours of application.

## Cereals

Fluroken 333 Herbicide is a selective herbicide for the control of many broadleaf weeds in wheat, barley and oats. Apply from the 3 leaf stage to booting (flagleaf) growth stage of the crop. Do not spray cereals undersown with clover or lucerne.

WEEDS	RATE mL/ha	COMMENTS
Black nightshade Docks (seedling)	450	Weeds should be at the 2-6 leaf stage.
Field Chickweed	600	Apply before flowering.
Cleavers	750	Apply at the 2 – 4 whorl stage. Application may also be made to cleavers at advanced growth stages to achieve knockdown.
Wireweed Cornbind	750	Apply to wireweed and cornbind at the 2 – 6 leaf growth stage.
Field madder	750	Apply to field madder before flowering
Volunteer potato	1200	Suppression only. Apply when volunteer potatoes are 10 – 20cm in height. The level of control will vary according to potato vigour, variety and crop competition.

The addition of MCPA 750 to Fluroken 333 Herbicide will broaden the weed spectrum for control of fathen, hedge mustard, wild turnip, shepherd's purse and nettle, and will improve the control of wireweed. Tank mixing Fluroken 333 Herbicide may reduce crop selectivity. Apply at the growth stages recommended for tank mix partner.

## Apples

Fluroken 333 Herbicide broadens the activity of glyphosate against certain broadleaf weeds in orchards. Applications should be directed to the ground ensuring contact is not made with any green bark, suckers, foliage or fruit of the tree. Do not apply to trees less than 3 years old. Refer to the relevant glyphosate label for use rates for weeds not listed below, general recommendations and precautions relating to that product.

WEEDS	RATE (mL/ha)	COMMENTS
White clover	900	Add Silken at 100ml/100 litres spraymix.
Docks	900	Apply Fluroken 333 Herbicide in mixture with 1.3Litres/ha Max-Out 540 and Silken at 100ml/100 litres spraymix.
Large flowered mallow Creeping mallow	1200	Apply Fluroken 333 Herbicide in mixture with 2 litres/ha Max-Out 540 and Silken at 100ml/100 litres spraymix.

## Withholding Periods

Cereals: Do not graze failed crops for seven days after application. Apples: Do not harvest within 28 days of application

**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.**

## Mixing and Compatibility:

Half fill the spray tank with water and add the required amount of Fluroken 333 Herbicide. Agitate continuously while filling and using.

Fluroken 333 Herbicide is compatible with Max-Out 540, MCPA 750, Javelin, Ken-Trel 750 and many commonly used herbicides, fungicides and insecticides. When tank mixing with other herbicides, add the Fluroken 333 Herbicide last. Mix only sufficient chemical for each days use and avoid storing.

## CLEANING AND DECONTAMINATION OF EQUIPMENT AFTER USE

Clean equipment thoroughly after each use. Discard rinse water on land already sprayed or on waste land away from desirable plants and water sources.

**Decontaminate Before Using on Plants That Are Sensitive to Fluroken 333 Herbicide:** e.g. beans, clovers, lucerne, lupins, peas and other legumes; flowers, fruit trees, hops, ornamentals, pine trees, shade trees, potatoes, sunflowers, tomatoes, vegetables and vines. If plant sensitivity is unknown decontaminate equipment.

## Cleaning the Spray Equipment:

After using Fluroken 333 Herbicide, empty the spray unit completely and drain the whole system. Thoroughly wash inside the spray unit using a pressure hose. Drain the spray unit, and clean any filters in the tank, pump, lines, hoses and nozzles. After cleaning the spray unit as above, quarter fill with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

## Decontamination:

Wash the tank and rinse the system as above, then quarter fill the tank and add an alkali detergent (e.g. household laundry detergent at 500ml or g/100L of water) and circulate throughout the system for at least 15 minutes. Do not use chlorine based cleaners.

Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain.

## RESISTANCE MANAGEMENT

**GROUP 4 HERBICIDE**

Fluroken 33 is a pyridine carboxylic acid Group 4 Herbicide. Some naturally occurring individual weeds may become resistant when excessive use of the same herbicide occurs. To prevent or delay the development of resistance use Fluroken 333 Herbicide in tank mixtures where appropriate and/or in rotation with herbicides having a different mode of action. Consult [www.resistance.nzpps.org](http://www.resistance.nzpps.org) for alternative modes of action, and the details of resistance management strategies (if any).