


## SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

<b>Product Name</b>	<b>Ken-Trel 750 SG Herbicide</b>
<b>Company Name</b>	Kenso Corporation (M) Sdn Bhd
<b>Address</b>	2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand
<b>Telephone</b>	0800 536 766
<b>Emergency Telephone</b>	<b>0800 CHEMCALL (0800 243 622) (24 hours)</b>
<b>National Poisons Centre</b>	<b>0800 POISON (0800 764 766) (24 hours)</b>
<b>Use</b>	For control of a range of broadleaf weeds in amenity, non-crop areas, tree crops, certain arable crops, pastures, forests and conservation tillage.

## SECTION 2 – HAZARDS IDENTIFICATION

<b>Hazard Pictograms</b>	
<b>Hazard Classification</b>	<b>9.1C, 9.2A, 9.3C</b>
<b>Priority Identifier</b>	<b>ECOTOXIC</b>
<b>Secondary Identifier</b>	<b>KEEP OUT OF REACH OF CHILDREN</b> 9.1C = Harmful to aquatic organisms 9.2A = Very toxic to the soil environment 9.3C = Harmful to terrestrial vertebrates

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>CAS No</b>	<b>Proportion</b>
Clopyralid potassium salt	58509-83-4	90% w/w
Inert ingredients	secret	To 100% w/w

## SECTION 4 – FIRST AID MEASURES

<b>Ingestion</b>	Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre (0800 764 766). Seek medical assistance immediately.
<b>Eye</b>	Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Seek medical assistance.
<b>Skin</b>	Immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash affected areas with soap and water. If a large area is affected seek medical assistance.
<b>Inhalation</b>	Remove patient to fresh air. Lie down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.
<b>Advice to Doctor</b>	Treat symptomatically.

## SECTION 5 – FIRE FIGHTING MEASURES

<b>Fire/Explosion Hazard</b>	Dust forms explosive mixture with air.
<b>HAZCHEM Code</b>	2X
<b>IER Guide No</b>	47
<b>Extinguishing Media</b>	Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Fire Fighting Instructions</b>	Wear full protective clothing and self-contained breathing apparatus.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	For appropriate personal protective equipment (PPE), refer to section 8.
<b>Spillage</b>	Wear Chemical resistant coveralls, face shield, gloves and boots and respiratory protection. Prevent the product or spilled material from entering water bodies. Sweep up spilt granules and place in waste containers. Wash area with water and detergent and absorb with inert material. Dispose of safely in an approved hazardous waste facility.
<b>Environmental Precautions</b>	Washings must be prevented from entering surface water drains or waterways.

## SECTION 7 – HANDLING AND STORAGE

<b>Storage</b>	Store in the closed, original container in a dry, well-ventilated area, as cool as possible out of direct sunlight and under lock and key. Keep from contact with human and animal foodstuffs, medicines and remedies, fertilisers, fungicides seeds and other Hazardous Substances of Classes 1, 4, & 5 Storage must be in accordance with NZS 8409 Management of Agrichemicals.
<b>Handling</b>	Avoid contact with skin and eyes and inhalation of concentrate dusts or spray mist. When using, do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking.
<b>Approved Handler</b>	This hazardous substance must be under the personal control of an approved handler when the substance is— (a) applied in a wide dispersive manner (b) used by a commercial contractor
<b>Tracking &amp; Record Keeping</b>	Required.
<b>Additional Requirements</b>	All aspects of storage, handling, use, disposal and record keeping must be in accordance with NZS 8409:2004 'Management of Agrichemicals', and relevant local and regional council plans.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Workplace Exposure Standards</b>	No exposure limits (WES, TEL or EEL's) have been specifically assigned for this product.
<b>Engineering Controls</b>	Handle in well ventilated areas, generally natural ventilation is adequate.
<b>Personal Protection</b>	When opening the container, preparing spray and using the prepared spray and/or controlling an accidental release wear chemical resistant coveralls buttoned to the neck and wrist, chemical resistant boots/gumboots, elbow-length nitrile gloves, full respiratory protection to a minimum of Organic Vapour standard and eye protection.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Solid
<b>Colour</b>	Off white
<b>Odour</b>	Non specific
<b>pH</b>	6-9
<b>Flammability Limits</b>	Non flammable
<b>Density (at 20°C)</b>	NA
<b>Miscibility</b>	Soluble
<b>Oxidising properties</b>	Not oxidising
<b>Explosive properties</b>	Not explosive

## SECTION 10 – STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions
<b>Incompatibility</b>	No incompatibilities reasonably foreseeable
<b>Decomposition</b>	Decomposition will not occur
<b>Polymerisation</b>	Polymerisation will not occur

## SECTION 11 – TOXICOLOGICAL INFORMATION

This section describes effects which could occur if this product is not handled in accordance with this data sheet.

<b>Acute Toxicity (Active Ingredient)</b>	Acute Oral LD <sub>50</sub> (rats, male) : 3738 mg/kg Acute Oral LD <sub>50</sub> (rats, female) : 2675 mg/kg Acute Dermal LD <sub>50</sub> (rabbit) : >2000 mg/kg
<b>Mutagenic Effects</b>	None
<b>Carcinogenic Effects</b>	None
<b>Reproductive Effects</b>	None
<b>Teratogenic (Birth) Effects</b>	None

**Systemic Effects** None

## SECTION 12 – ECOTOXICITY INFORMATION

This section describes effects which could occur if this material is not handled in accordance with this data sheet.

The following information is presented in respect of the active ingredient:

<b>Ecotoxic Effects</b>	<b>Harmful to fish and other aquatic organisms:</b> LC <sub>50</sub> (48 Hours) for rainbow trout is 105.3 mg/L. LC <sub>50</sub> (48 Hours) for blue sunfish 125 mg/L. <b>Harmful to terrestrial vertebrate:</b> LD <sub>50</sub> mallard is 1465 mg/kg. LD <sub>50</sub> bobwhite quail is >2000 mg/kg. <b>The compound is non toxic to bees.</b>
<b>Other information</b>	In soil, Clopyralid will be degraded by microbial action within twelve months, with the most rapid breakdown occurring in warm, moist, aerated soils with high organic content. Clopyralid has a half-life between twelve and seventy days depending on soil type and climatic conditions. Minimal leaching of Clopyralid occurs and residues typically remain in the top fifteen centimetres of the soil profile. Clopyralid is not broken down in water by sunlight or hydrolysis.

## SECTION 13 – DISPOSAL CONSIDERATIONS

<b>Product</b>	Dispose of this product only by using according to the label, or at an approved landfill or other approved hazardous substances waste facility.
<b>Container</b>	Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank Otherwise submit to a suitable refuse transfer station or landfill. DO NOT reuse this container for any other purpose.

## SECTION 14 – TRANSPORT INFORMATION

<b>Dangerous Goods</b>	
<b>UN Number</b>	Not a Dangerous Good
<b>Proper Shipping Name</b>	N/A
<b>Class</b>	N/A
<b>Subsidiary Class</b>	None
<b>Packaging Group</b>	N/A
<b>Additional Information</b>	N/A
<b>MTQ (Non-Commercial)</b>	N/A

## SECTION 15 – REGULATORY INFORMATION

<b>HSNO Approval No</b>	HSR101329
<b>ACVM Approval No</b>	P9427

## SECTION 16 – OTHER INFORMATION

This SDS contains only safety-related information. For other data see product literature.

<b>Contact Points</b>	
Police, Ambulance and Fire Service	111
National Poisons Information Centre	0800 POISON (0800 764 766)
Hazardous Substances Emergency	0800 Chemcall (0800 243 622)