


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

<b>Product Name</b>	<b>Triclopyr 600 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>Hazardous Substances</b>	
<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 the control of gorse, broom, and a range of other brushweeds.

## SECTION 2 – HAZARDS IDENTIFICATION

<b>Hazard Pictograms</b>		
<b>GHS Signal Word</b>	<b>WARNING</b>	
<b>Hazard Statement</b>	<p>H302: Harmful if swallowed.                      H317: May cause an allergic skin reaction.                      H319: Causes serious eye irritation.                      H373: May cause damage to organs through prolonged or repeated exposure.                      H400: Very toxic to aquatic life.                      H410: Very toxic to aquatic life with long lasting effects.</p>	
<b>Prevention</b>	<p>P102: Keep out of reach of children.                      P103: Read label before use.                      P260: Do not breathe dust/fume/gas/mist/ vapours/spray.                      P264: Wash contacted areas thoroughly after handling.                      P270: Do not eat, drink or smoke when using this product.                      P272: Contaminated work clothing should not be allowed out of the workplace.                      P273: Avoid release to the environment.                      P280: Wear protective gloves/protective clothing/eye protection/face protection.</p>	
<b>Response</b>	<p>P101: If medical advice is needed, have product container or label at hand.                      P301 + P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.                      P302 + P352: IF ON SKIN: Wash with plenty of soap and water.                      P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.                      P314: Get medical advice/attention if you feel unwell.                      P321: Specific treatment (see FIRST AID on this label).                      P330: Rinse mouth.                      P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.                      P337 + P313: If eye irritation persists: Get medical advice/attention.                      P363: Wash contaminated clothing before reuse.                      P391: Collect spillage.</p>	
<b>Disposal</b>	P501: Dispose of contents/container as specified on the registered label.	

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>CAS No</b>	<b>Proportion</b>
Triclopyr (as butoxyethyl ester)	64700-56-7	60% w/v
Inert ingredients	secret	To 100% w/v

## SECTION 4 – FIRST AID MEASURES

<b>Ingestion</b>	If swallowed, do not induce vomiting; seek medical advice immediately.
<b>Eyes</b>	Flush eyes immediately with plenty of fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. However, if irritation persists, see a doctor
<b>Skin</b>	Remove contaminated clothing, wash skin with plenty of soap and water. Seek

Inhalation	immediate medical assistance if any signs or symptoms described in this document occur. Discard contaminated non-waterproof clothing. Wash contaminated protective clothing before re-wearing.
Advice to Doctor	Remove to fresh air until recovered. Seek medical assistance if discomfort or irritation continues. Treat symptomatically.

## SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazard	Non-flammable May product irritating vapours under fire conditions.
HAZCHEM Code	2X
IER Guide No	47
Extinguishing Media	Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Fire Fighting Instructions	Extinguish fire with foam, dry powder, carbon dioxide or water spray.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions	For appropriate personal protective equipment (PPE), refer to section 8.
Spillage	Prevent the product or spilled material from entering water bodies. Absorb liquid spills with inert, inorganic material such as clays, earth or sand (DO NOT use sawdust, paper or carbon based absorbents) and place in waste sealable labelled containers. Wash area with detergent and water and absorb with further inert material. Dispose of safely.
Environmental Precautions	The product is relatively toxic to fish and hence should be kept from entering water bodies. On-site disposal off concentrate is not acceptable.

## SECTION 7 – HANDLING AND STORAGE

Storage	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 and insecticides, seeds and other Hazardous Substances of Classes 1, 4, & 5. Storage must be in accordance with NZS 8409 Management of Agrichemicals.
Handling	Avoid contact with skin and eyes and inhalation of concentrate or spray mist. When using, do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking.
Handler Competence	Persons responsible for the storage, handling, mixing, applying or disposing of this product must either be a Certified Handler or be trained, experienced or supervised in accordance with 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
Tracking & Record Keeping	Tracking not required. Keep records of use.
Additional Requirements	All aspects of storage, handling, use, disposal and record keeping must be in accordance with NZS 8409:2021 'Management of Agrichemicals', and relevant local and regional council plans.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Workplace Exposure Standards	None established for formulated product.
Engineering Controls	Well ventilated.
Personal Protection	Avoid contact with eyes and skin. Do not inhale spray mist. Use only protective equipment bearing the mark of the Standards Association of Australia/ New Zealand. When mixing, applying or when likely to have any exposure to concentrate, mixes or mists/vapours suitable <b>chemical resistant</b> clothing must be worn including; coveralls, face shield, respiratory protection (organic vapour minimum specification) gauntlet gloves and boots/footwear. After each use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. Wash protective clothing gloves, face shield before reuse.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Colour	Light yellow to yellow
Odour	Aromatic odour
Boiling point (°C)	>200 °C
Flammability Limits	Non flammable
Specific Gravity (at 20°C)	1.20 ± 0.01
Miscibility	Forms emulsion
Oxidising properties	Not oxidising
Explosive properties	Not explosive

## SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Incompatibility	No incompatibilities reasonably foreseeable
Decomposition	Decomposition will not occur
Polymerisation	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.

Acute Toxicity (Active Ingredient)	Acute Oral LD <sub>50</sub> (rats): 803 mg/kg Acute Dermal LD <sub>50</sub> (rabbit): >2000 mg/kg Acute Inhalation LC <sub>50</sub> (rats) (4hr): >4.8 mg/l
Other Information	The Australian Acceptable Daily Intake (ADI) for triclopyr for a human is 0.005 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 0.5 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. (Ref: Comm. Dept. of Health and Ageing, 'ADI List', TGA, June 2006).
Mutagenic Effects	None
Carcinogenic Effects	None
Reproductive Effects	None
Teratogenic (Birth) Effects	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:

Ecotoxic Effects	<b>Acute Toxicity – Fish</b> The following is data for the active ingredient, triclopyr as the butoxyethyl ester. LC <sub>50</sub> (96 hr) for the most sensitive species tested is 0.31 mg/l. <b>Acute Toxicity – Daphnia</b> EC <sub>50</sub> (48 hr) for daphnia is 0.66 mg/l for triclopyr butoxyethyl ester. <b>Acute Toxicity – Algae</b> LC <sub>50</sub> (48hr) for algae is 0.193 mg/l. <b>Acute Toxicity – Other Organisms</b> Bees: Not toxic to bees. LD <sub>50</sub> >100 µg/bee. LD <sub>50</sub> for bobwhite quail is 735 mg/kg for triclopyr butoxyethyl ester
Other information	Triclopyr butoxyethyl ester is rapidly hydrolysed to triclopyr acid in soil and water. Do not contaminate dams, waterways or sewers with this product or the containers which have held this product. Spray drift can cause damage, read the label for more information. Marine pollutant.

## SECTION 13 – DISPOSAL CONSIDERATIONS

Product	Dispose of this product only by using according to the label, or at an approved hazardous substance waste receipt facility. On-site disposal of concentrate is not acceptable.
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<b>Container</b>	Triple rinse containers, add rinsate to the spray tank, then offer container for recycling/reconditioning (Agrecovery), or puncture top, sides and bottom and submit to a local authority waste receival facility (Transfer Station). DO NOT reuse this container for any other purpose.
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## SECTION 14 – TRANSPORT INFORMATION

<b>Dangerous Goods</b>	
<b>UN Number</b>	3082
<b>Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS TRICLOPYR)
<b>Class</b>	9
<b>Subsidiary Class</b>	None
<b>Packaging Group</b>	III
<b>Additional Information</b>	MARINE POLLUTANT
<b>MTQ (Non-Commercial)</b>	250 L

## SECTION 15 – REGULATORY INFORMATION

<b>HSNO Approval No</b>	HSR000829
<b>ACVM Approval No</b>	P008711

## SECTION 16 – OTHER INFORMATION

<b>This SDS contains only safety-related information. For other data see product literature.</b>	
<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)