


SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name	Ken-Met 600 WG Herbicide
Company Name	Kenso Corporation (M) Sdn Bhd
Address	2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand
Telephone	(09) 410 0861
Hazardous Substance	
Emergency Telephone	0800 CHEMCALL (0800 243 622) (24 hours)
National Poisons Centre Use	0800 POISON (0800 764 766) (24 hours) For the control of gorse, blackberry, broom and other scrub and broadleaf weeds in pasture, forestry and non-cropland areas.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Pictograms	
Hazard Classification	6.3B, 6.4A, 9.1A, 9.2A
Priority Identifier	ECOTOXIC
Secondary Identifier	KEEP OUT OF REACH OF CHILDREN 6.3B = Harmful – may cause skin irritation. 6.4A = Harmful – may cause eye irritation. 9.1A = Very toxic to aquatic organisms. 9.2A = Very toxic to the soil environment.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Proportion
Metsulfuron-methyl	74223-64-6	60% w/w
Inert ingredients	secret	To 100% w/w

SECTION 4 – FIRST AID MEASURES

Ingestion	The product is not likely to be hazardous by ingestion. If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre (0800 764 766). Seek medical assistance immediately.
Eye	Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Seek medical assistance.
Skin	Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use.
Inhalation	Remove patient to fresh air. Lay down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.
Advice to Doctor	Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazard	Non flammable.
HAZCHEM Code	2X
IER Guide No	47
Extinguishing Media	Dry Chemical, water spray, carbon dioxide
Fire Fighting Instructions	During a fire, toxic fumes may be emitted. Wear self-contained breathing apparatus. Contain runoff.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions	For appropriate personal protective equipment (PPE), refer to section 8.
Spillage	Wear suitable chemical resistant clothing including coverall, face shield, respiratory protection (organic vapour minimum) gauntlet gloves and boots. Prevent the product or spilled material from entering drains or water bodies. Contain and sweep spills or if spillage is a liquid absorb spills with inert material such as zeolite clay or sand and place in waste containers. Wash area with

Environmental Precautions	water detergent and absorb with further inert material. Dispose of through a designated hazardous substances disposal facility or contact the local regional/district council for disposal information. Washings must be prevented from entering surface water drains or waterways.
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SECTION 7 – HANDLING AND STORAGE

Storage	Keep out of reach of children. Store in original container, tightly closed, away from foodstuffs, medicines, animal remedies, seeds and fertilisers. Store in a cool, dry, well ventilated place and protect from sunlight.
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 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.
Additional Requirements	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

Engineering Controls	No special requirements. Product is used outdoors. Containment and/or segregation is the most reliable technical protection measure. The extent of these protection measures depends on the actual risks in use. If airborne mists or vapours are generated, use local exhaust ventilation controls or adequate respiratory protection (organic vapour minimum). Assess exposure and use any additional measures to keep airborne levels below any relevant exposure limit. Follow precaution statements on the label and the use and safety directions in Code of Practice for the Management of Agrichemicals NZS8409.
Personal Protection	Use only protective equipment bearing the mark of the Standards Association of Australia/ New Zealand. When mixing, applying or disposing this product, wear full respiratory protection (at least to organic vapour standard) eye protection, chemical resistant coveralls, gloves and footwear.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form	Granules
Colour	Off white to beige colour
Odour	Non specific
pH	5-7
Flash point (°C)	NA
Flammability Limits	Non flammable
Miscibility	Miscible
Oxidising properties	Not oxidising
Explosive properties	Not explosive

SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Incompatibility	None known
Decomposition	Combustion or thermal decomposition will evolve toxic and irritant vapours.
Dangerous Reactions	Products arising from combustion or thermal decomposition may be toxic, corrosive or flammable.

SECTION 11 – TOXICOLOGICAL INFORMATION

This section describes effects which could occur if this product is not handled in accordance with this data sheet.	
The following information is presented in respect of the active ingredient:	
Acute Toxicity	Acute Oral LD ₅₀ (rat) >5000 mg/kg

Sensitisation Effects	Acute Dermal LD ₅₀ (rabbit) >2000 mg/kg
Eye Damage/ Irritation	Acute Inhalation LC ₅₀ (rat) (4hr) >5 mg/l
Skin Corrosion/ Irritation	Not a sensitizer
Chronic Effects	Moderate eye irritant
	Mild skin irritant
	Based on data available, repeated exposures are not anticipated to cause additional significant adverse effects.

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	Acute toxicity to Fish LC ₅₀ (96 h) (bluegill sunfish) >150 mg/L LC ₅₀ (96 h) (rainbow trout) >150 mg/L Acute toxicity to Birds Not toxic to birds Oral LC ₅₀ (mallard duck) >2,510mg/kg Dietary LC ₅₀ (8d) (bobwhite quail & mallard duck) >5,620mg/kg Growth Inhibition, Algae EC ₅₀ (96 h) (lemna minor duckweed) = 0.4 µg/L EC ₅₀ (72 h) (green algae) = 0.45 mg/L Toxicity to aquatic Invertebrates LC ₅₀ (48 h) (daphnia magna) > 150 mg/L Toxicity to honey bees Not toxic to bees LD ₅₀ (oral) >44.3µg/bee; (contact) >50µg/bee
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SECTION 13 – DISPOSAL CONSIDERATIONS

Product	Dispose of this product only by using according to the label, or at an approved hazardous substances waste disposal facility.
Container	Ensure the container is empty. Recycle the packaging otherwise crush and bury in a suitable landfill. DO NOT reuse this container for any other purpose.

SECTION 14 – TRANSPORT INFORMATION

Dangerous Goods	
UN Number	3077
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains METSULFURON-METHYL)
Class	9
Subsidiary Class	None
Packaging Group	III
Additional Information	MARINE POLLUTANT
MTQ (Non-Commercial)	250 kg

SECTION 15 – REGULATORY INFORMATION

HSNO Approval No	HSR000242
ACVM Approval No	P8293

SECTION 16 – OTHER INFORMATION

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

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