

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name	Vel-Ken 900 WG Herbicide
Company Name	Kenso Corporation (M) Sdn Bhd
Address	2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand
Telephone	0800 536 766
Hazardous Substances	
Emergency Telephone	0800 CHEMCALL (0800 243 622) (24 hours)
National Poisons Centre Use	0800 POISON (0800 764 766) (24 hours) A selective herbicide for the control of weeds in RADIATA PINE, established LUCERNE and NON-CROPLAND.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Pictograms	
GHS Signal Word	WARNING
Hazard Classification	Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates.
Hazard Statement	H302: Harmful if swallowed. H319: Causes serious eye irritation. H332: Harmful if inhaled. 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.
Prevention	P102: Keep out of reach of children. P103: Read label before use. P260: Do not breathe. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash contacted areas thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P271: Use only outdoors or in a well-ventilated area. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection.
Response	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. P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312: Call a POISON CENTER or doctor/physician if you feel unwell. P330: Rinse mouth. P337 + P313: If eye irritation persists: Get medical advice/attention. P391: Collect spillage.
Disposal	P501: Dispose of contents/container as specified on the registered label.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Proportion
Hexazinone	51235-04-2	90.0% w/w
Inert ingredients	Secret	To 100% w/w

SECTION 4 – FIRST AID MEASURES

Ingestion	If swallowed, DO NOT induce vomiting. Seek medical advice or contact
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Eye	Poisons Information Centre (0800 764 766). Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open.
Skin	Remove contaminated clothing and launder before use. Wash affected areas or skin thoroughly with soap and water. Seek medical advice if irritation develops.
Inhalation	Begin artificial respiration if breathing has stopped. Remove to fresh air until recovered. If symptoms persist, seek immediate medical advice.
Advice to Doctor	Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazard	Not a fire or explosion hazard.
HAZCHEM Code	2Z
IER Guide No	47
Extinguishing Media	Extinguish fire with foam, dry powder, carbon dioxide or water spray.
Fire Fighting Instructions	Evacuate personnel to a safe area. Always wear positive-pressure self-contained breathing apparatus and full protective clothing. Do not allow water from fire-fighting to enter water supplies or drainage systems.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions	For appropriate personal protective equipment (PPE), refer to section 8.
Spillage	Wear chemical resistant protective clothing that includes: coveralls, footwear, goggles and gloves and respiratory protection. Stop leak if safe to do so, and contain spill. Moisten to prevent dusting (if possible) and sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise regional council and emergency services. Ensure appropriate disposal by consulting local, regional authority regulations prior to disposal. Thoroughly launder or dispose of contaminated protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry. Do not dispose of undiluted chemicals on site.
Environmental Precautions	Concentrate, solutions and washings must be prevented from entering surface water drains or waterways.

SECTION 7 – HANDLING AND STORAGE

Storage	Keep out of reach of children. Store in original container, tightly closed, away from human and animal foodstuffs, medicines and remedies, seeds and fertilisers. Segregate from incompatible hazardous substances (Classes 1, 4 & 5). 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.
Tracking	Not required.
Record Keeping	Not required.
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

Engineering Controls	Handle in well ventilated areas, generally natural ventilation is adequate. Follow precaution statements on the label and the use and safety directions in Code of Practice for the Management of agrichemical NZS8409.
Personal Protection	Use only protective equipment bearing the mark of the Standards Association

of Australia/ New Zealand. In case of exposure, wear full respiratory protection (at least to organic vapour standard) eye protection, chemical resistant coveralls and gloves and footwear.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form	Granules
Colour	Off-white to brown colour
Odour	Distinctive mild acrid type smell
Specific gravity	0.5 kg/L
Flash point (°C)	NA
Flammability Limits	Non combustible
Miscibility	Disperse in water
Oxidising properties	Not oxidising
Explosive properties	Not explosive

SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Incompatibility	No particular incompatibilities.
Hazardous Reactions	Keep away from strong oxidizing agents. Strong acids or alkalis will slowly decompose Hexazinone.

SECTION 11 – TOXICOLOGICAL INFORMATION

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

Toxicology Information	No specific toxicological data is available for this product. Data below Information is for active constituent.
Acute Toxicity	Acute Oral, LD ₅₀ (rat): 1690 mg/kg Acute Dermal, LD ₅₀ (rabbit): >5278 mg/kg Inhalation, LC ₅₀ (rat) (1hr): >7.48 mg/l
Eye Irritating	Irritating.
Skin Irritation	Irritating.
Sensitisation Effects	None
Carcinogenic Effects	None
Teratogenic (Birth) Effects	None
Reproductive Effects	None
Mutagenic Effects	None
Systemic Effects	Ingestion of hexazinone at high doses is damaging to the blood and hematopoietic (blood cell production) system

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 Oral LD ₅₀ (Bobwhite quail): 2258mg/kg LC ₅₀ (96hr) (Rainbow trout): 320 - 420 mg/l LC ₅₀ (48hr) (Daphnia): 442 mg/l Very toxic to some plant species (selective herbicide) Non-toxic to bees
Environmental Fate	Biodegradable. DT ₅₀ (soil): 30-180 days

SECTION 13 – DISPOSAL CONSIDERATIONS

Product	Dispose of this product only by using according to the label, or at an approved hazardous substance waste receival facility.
Container	Recycle empty packaging through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise submit to a local authority waste receival facility (Transfer station). DO NOT reuse this packaging for any other purpose.

SECTION 14 – TRANSPORT INFORMATION

SAFETY DATA SHEET



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

SECTION 15 – REGULATORY INFORMATION

HSNO Approval No	HSR000959
ACVM Approval No	P009122

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)