


SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

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| 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 | (09) 410 0861 |
| Emergency Telephone | 0800 CHEMCALL (0800 243 622) (24 hours) |
| National Poisons Centre | 0800 POISON (0800 764 766) (24 hours) |
| Use | A selective herbicide for the control of weeds in RADIATA PINE, established LUCERNE and NON-CROPLAND. |

SECTION 2 – HAZARDS IDENTIFICATION

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| Hazard Pictograms |  |
| Hazard Classification | 6.1D, 6.3B, 6.4A, 6.9B, 9.1A, 9.2A, 9.3C |
| Priority Identifier | HARMFUL ECOTOXIC |
| Secondary Identifier | KEEP OUT OF REACH OF CHILDREN 6.1D = May be harmful if swallowed, inhaled or absorbed through the skin. 6.3B = Cause skin irritation 6.4A = Cause eye irritation 6.9B = Danger of serious damage to health by prolonged exposure 9.1A = Very toxic to aquatic organisms 9.2A = Very toxic to the soil environment. 9.3C = Harmful to terrestrial invertebrates |

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | CAS No | Proportion |
|--------------------------|---------------|-------------------|
| Hexazinone | 51235-04-2 | 90.0% w/w |
| Dispersing/wetting agent | secret | <10% w/w |
| Kaolin | | To 100% w/w |

SECTION 4 – FIRST AID MEASURES

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| Ingestion | If swallowed, DO NOT induce vomiting. Seek medical advice or contact Poisons Information Centre (0800 764 766). |
| Eye | 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

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| 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

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| Personal Precautions | For appropriate personal protective equipment (PPE), refer to section 8. |
| Spillage | Wear chemical resistant protective clothing as overalls, footwear, goggles and gloves. 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 legality of 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

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| 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. |
| Approved Handler | Required when use in a wide dispersive manner, or by a commercial contractor. |
| 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 8409:2004 'Management of Agrichemicals', and relevant local and regional council plans. |

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

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| 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 heavy exposure, wear full respiratory protection (at least to organic vapour standard) eye protection, chemical resistant coveralls and gloves. |

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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| Form | Granules |
| Colour | Off-white to brown colour |
| Odour | Distinctive mild acrid type smell |
| Specific gravity | 0.5kg/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

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| Stability | Stable under normal conditions. |
| Incompatibility | No particular incompatibilities. |
| Hazardous Reactions | Keep away from strong oxidizing agents. Strong acid or alkaline 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.

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| 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 |
| Tetratogenic (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:

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| 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

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| Product | Dispose of this product only by using according to the label, or at an approved landfill or other approved facility. |
| Container | If local authority regulations permit burn packaging otherwise crush and bury in a suitable landfill. DO NOT reuse this container for any other purpose. |

SECTION 14 – TRANSPORT INFORMATION

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| 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

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| HSNO Approval No | HSR000959 |
| ACVM Approval No | P9122 |

SECTION 16 – OTHER INFORMATION

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

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| 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) |

SAFETY DATA SHEET

