


SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name	Kendizol 250 EC Fungicide
Company Name	Kenso Corporation (M) Sdn Bhd
Address	2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand
Telephone	0800 536 766
Hazardous Substance	0800 CHEMCALL (0800 243 622) (24 hours)
Emergency Telephone	
National Poisons Centre Use	0800 POISON (0800 764 766) (24 hours) For the control of Leaf Spots on Carrots, Ring Spot on horticultural Brassicas, Early Blight on Potatoes and Stemphylium Leaf Spot on Asparagus.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Pictograms		
GHS Signal Word	DANGER	
Hazard Statement	H227: Combustible liquid. H304: May be fatal if swallowed and enters airways. 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 effect	
Prevention	P102: Keep out of reach of children. P103: Read label before use. P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking. P260: Do not breathe dust/fume/gas/mist/ vapours/spray. P264: Wash contacted areas thoroughly after handling. P273: Avoid release to the environment.	
Response	P280: Wear protective gloves/protective clothing/eye protection/face protection P101: If medical advice is needed, have product container or label at hand. P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. 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. P331: Do NOT induce vomiting. P337 + P313: If eye irritation persists: Get medical advice/attention. P370 + P378: In case of fire: Use dry chemical, water spray and carbon dioxide for extinction. P391: Collect spillage.	
Storage	P403 + P235: Store in a well-ventilated place. Keep cool. P405: Store locked up.	
Disposal	P501: Dispose of contents/container as per specified on the registered label.	

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Proportion
Difenoconazole	119446-68-3	25% w/v
Inert ingredients	secret	To 100% w/v

SECTION 4 – FIRST AID MEASURES

Ingestion	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.
Eye	Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Seek medical assistance.
Skin	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.

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.
Advice to Doctor	Seek medical assistance immediately. Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazard	Combustible
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; coveralls, face shield, respiratory protection (organic vapour minimum specification), eye protection, gauntlet gloves and boots. Prevent the product or spilled material from entering drains or water bodies. Contain and absorb spills with inert material such as zeolite clay or sand and place in waste containers. Wash area with water and 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.
Environmental Precautions	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 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 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.
Record Keeping	Tracking is 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

Engineering Controls	No special requirements. Product is used outdoors. Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated. 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. Assess exposure and use any additional measures to keep airborne levels below any relevant exposure limit.
Personal Protection	When opening the container, preparing spray and using the prepared spray wear chemical resistant coveralls, elbow-length nitrile or PVC gloves, eye protection and respiratory protection to a minimum level of Organic Vapour filter cartridges. and goggles.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Colour	Clear yellow

Odour	Solvent odour
pH	5-7
Flash point (°C)	NA
Flammability Limits	Combustible
Miscibility	Forms emulsion
Oxidising properties	Not oxidising
Explosive properties	Not explosive

SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable under normal conditions. Do not store below 4 °C.
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 (Active Ingredient)	Acute Oral LD ₅₀ (rats): ca 2,500 mg/kg Acute Dermal LD ₅₀ (rats): >2000 mg/kg Acute Inhalation LC ₅₀ (rats) (4hr): >5.4 mg/l
Eye Irritation	Irritant (rabbits)
Skin Irritation	Irritant (rabbits)
Sensitisation Effects	Not a sensitizer (guinea pigs)
Mutagenic Effects	None
Carcinogenic Effects	None
Reproductive Effects	None
Teratogenic (Birth) Effects	None
Systemic Effects	Repeated exposure could result in peripheral nervous system damage.

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) (rainbow trout) = 8 mg/L LC ₅₀ (96 h) (bluegill sunfish) = 1.2 mg/L Acute toxicity to Bird LC ₅₀ (9-11 d) (mallard duck) > 2150 mg/kg LC ₅₀ (9-11 d) (bobwhite quail) > 4760 mg/kg Acute toxicity to Algae EbC ₅₀ (72 hr) (Scenedesmus subspicatus) = 1.2 mg/L
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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 receival facility. On-site disposal of concentrate is not acceptable.
Container	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.

SECTION 14 – TRANSPORT INFORMATION

Dangerous Goods	
UN Number	3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains DIFENOCONAZOLE)

SAFETY DATA SHEET



Class	9
Subsidiary Class	None
Packaging Group	III
Additional Information	MARINE POLLUTANT
MTQ (Non-Commercial)	250 L

SECTION 15 – REGULATORY INFORMATION

HSNO Approval No	HSR101138
ACVM Approval No	P009344

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)