

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name	Procyon 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	
Emergency Telephone	0800 CHEMCALL (0800 243 622) (24 hours)
National Poisons Centre	0800 POISON (0800 764 766) (24 hours)
Use	For the control of diseases in wheat, barley and ryegrass seed crops.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Pictograms	
GHS Signal Word	DANGER
Hazard Classification	Aspiration hazard Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1.
Hazard Statement	H304: May be fatal if swallowed and enters airways. H373: May cause damage to organs through prolonged or repeated exposure. H411: Toxic to aquatic life with long lasting effect
Prevention	P102: Keep out of reach of children. P103: Read label before use. P260: Do not breathe dust/fume/gas/mist/ vapours/spray. P273: Avoid release to the environment.
Response	P281: Use personal protective equipment as required. 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. P314: Get medical advice/attention if you feel unwell. P331: Do NOT induce vomiting. P391: Collect spillage.
Storage	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
Prothioconazole	178928-70-6	25% w/v
Inert ingredients	secret	To 100% w/v

SECTION 4 – FIRST AID MEASURES

Ingestion	If swallowed, DO NOT induce vomiting. Seek medical advice or contact Poisons Information Centre (Ph 0800 POISON – 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 immediate medical advice if irritation develops.
Inhalation	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 combustible.
HAZCHEM Code	3Z
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 Spillage

For appropriate personal protective equipment (PPE), refer to section 8. Wear **chemical resistant** protective clothing that includes: coveralls, footwear, goggles, gloves and respiratory protection (organic vapour minimum specification). Stop leak if safe to do so, and contain spill. Prevent spills from entering drains, waterways or sewers. Absorb spilt material with non-organic spill control materials, sand or clays and sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. After spills, wash area with detergent and water 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 authorities 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.

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 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

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

Clear liquid

Colour

Amber colour

Odour

Aromatic odour

Specific gravity

1.075

Flash point (°C)

152°C

Flammability Limits

Not combustible

Miscibility

Emulsify in water

Oxidising properties

Not oxidising

Explosive properties

Not explosive

SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Incompatibility	None known.
Decomposition	Hazardous polymerisation is not possible.
Dangerous Reactions	No hazardous reaction when stored and handled according to instruction.

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): > 6,200 mg/kg Acute Dermal LD ₅₀ (rats): > 2,000 mg/kg Acute Inhalation LC ₅₀ (rats) (4hr): > 4.99 mg/l
Eye Irritation	Not 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) = 4.02 mg/L LC ₅₀ (96 h) (bluegill sunfish) = 1.2 mg/L Acute toxicity to Aquatic Invertebrates EC ₅₀ (Daphnia magna) = 2.9 mg/L Acute toxicity to Algae EbC ₅₀ (72 hr) (Skeletonema costatum) = 0.046 mg/L
Biodegradability	Not rapidly degradable.

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

SECTION 15 – REGULATORY INFORMATION

HSNO Approval No	HSR101175
ACVM Approval No	P009979

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)