

MATERIAL SAFETY DATA SHEET

Statement of Hazardous Nature:

Non-hazardous according to criteria of Worksafe Australia

Company: Kenso Corporation (M) Sdn Bhd
Address: Kirkland Corner H/177
Old Cleveland Rd.
Cooparoo 4151
Telephone Number: (07) 3847 4288
Facsimile Number: (07) 3847 4188
Emergency Telephone Number: 000 (Police or Fire Brigade)
131126 (Poisons Information Centre)

IDENTIFICATION

Product Name: Kenso Agcare Propiconazole 250 Fungicide
Other Names: None
Manufacturer's Product Code: None
UN Number: None allocated
Dangerous Goods Class: None allocated
Subsidiary Risk: None allocated
Hazchem Code: None allocated
Poisons Schedule Number: S6

Use:

A pre-emergence fungicide for the control of annual grasses and certain broad leaf weeds in certain horticultural and agricultural crops as listed in the Directions for Use table.

Physical Description/Properties

Appearance: Clear amber liquid with solvent odour
Boiling Point: Not available
Vapour Pressure: Not available
Specific Gravity: 0.995 ± 0.01
Flashpoint: > 63°C
Flammability Limits: Not available
Solubility in Water: Forms emulsion

Ingredients

Chemical Name	CAS No	Proportion
Propiconazole	60207-90-1	25 % w/v
Liquid hydrocarbon		63 % w/v
Other ingredients		Balance

HEALTH HAZARD INFORMATION

Health Effects

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are :-

Acute:

- Swallowed:** The active is of low toxicity therefore it is not harmful.
- Eye:** May cause irritation
- Skin:** May cause irritation.
- Inhaled:** High concentrations of the vapour from the solvent while handling the product are irritating to the eyes and the respiratory tract, may cause headaches and dizziness. Avoid working in, or inhaling spray mist.

Chronic:

Non-carcinogenic, non-teragenic, non-mutagenic.

First Aid

Swallowed	DO NOT induce vomiting. Rinse mouth with water. Give plenty of water to drink. Seek medical assistance.
Eye	Irrigate with copious quantities of water for at least 15 minutes with eyelids held open. In all cases of eye contamination it is sensible precaution to seek medical advice.
Skin	Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.
Inhaled	Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

First Aid Facilities:

Advice to Doctor:

Treatment is symptomatic.

NB : This product also contains liquid hydrocarbon. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema.

PRECAUTIONS FOR USE

Exposure Standards:

No value assigned for this specific material by National Occupational health and Safety Commission (Worksafe Australia).

Engineering Controls:

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal Protection:

Avoid contact with eyes and skin. Avoid inhaling vapour or spray mist. When preparing spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and a face-shield or goggles. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

SAFE HANDLING INFORMATION

Storage

Store in the closed, original container in a well-ventilated area away from children, animals, food, feedstuffs, seed and fertilisers. Do not store for prolonged periods in direct sunlight.

Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG) for the Transport by Road and Rail.

Spills and Disposal

Clean up immediately. Wear protective equipment to prevent skin and eye contamination. Contain using sand or soil – prevent run off into drains and waterways. Use adsorbent (soil, sand or other inert material). Collect and seal in properly labelled containers for disposal. Triple rinse containers, add rinsings to spray tanks and send containers for recycling or if not recycling, break, crush or puncture and bury empty containers in a local authority landfill or in accordance with local, state or federal regulation. Do not dispose of undiluted chemicals on site.

Fire/Explosion Hazard

Specific hazards

Combustible liquid

Fire fighting further advice

Combustible liquid. On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion.

Suitable extinguishing media

Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder)

OTHER INFORMATION:

Toxicity Data:

No LD₅₀ data available for product.

Propiconazole technical
Acute oral LD₅₀ for rats: 1517 mg/kg
Acute dermal LD₅₀ for rabbit: > 2000 mg/kg
NOEL : 4 mg/kg/day
ADI : 0.04 mg/kg/day

LC₅₀ for carp : 6.8 mg/L
LC₅₀ for rainbow trout : 5.1 mg/L
EC₅₀ for Daphnia : 4.8 mg/L

Non-toxic to bees

CONTACT POINT:

Police and Fire Brigade:
National Poisons Information Centre:
For 24 hour emergency response:

Dial 000
Dial 13 1126 (from anywhere in Australia)
Dial 0439 933 556
Ask for Murray Goodlich