

## SAFETY DATA SHEET

### SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

**Product Name:** Kenso Agcare Propi 250 Fungicide  
**Product Type:** Group 3 Fungicide  
**Company Name:** Kenso Corporation (M) Sdn Bhd  
**Address:** Level 1, 98 Commercial Road, Teneriffe QLD 4005  
**Telephone Number:** (07) 3216 1188  
**Emergency Telephone Number:** 000 (Police or Fire Brigade)  
**13 11 26 (Poisons Information Centre)**  
**Use:** For control of certain fungal diseases of Bananas, Peanuts, Perennial Ryegrass, Pineapples, Stone Fruit, Sugar Cane, Wheat and other crops in certain states as specified in the Direction for Use.

### SECTION 2 – HAZARDS IDENTIFICATION

**Hazard Classification:** Classified as hazardous according to criteria of Safe Work Australia. Not classified as a Dangerous Good according to the ADG Code.



**GHS Signal Word:** DANGER

**Hazard statements:**

H227: Combustible liquid.  
H302: Harmful if swallowed.  
H304: May be fatal if swallowed and enters airways.  
H317: May cause an allergic skin reaction  
H336: May cause drowsiness or dizziness  
H410: Very toxic to aquatic life with long lasting effects.

**Prevention:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
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  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/ face protection.

**Response:**

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.  
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER/doctor/physician if you feel unwell.

P321: Specific treatment (see FIRST AID on this label)

P330: Rinse mouth.

P331: Do NOT induce vomiting.

P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.

P362 + P364: Take off contaminated clothing and wash it before reuse.

P370 + P378: In case of fire: Use water fog, foam, dry agent (carbon dioxide, dry chemical powder) to extinguish.

P391: Collect spillage.

**Storage:**

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

**Disposal:**

P501: Dispose of contents/ containers as specified on the registered label.

**SUSMP Classification:**

S6

**ADG Classification:**

N/A

**UN Number:**

N/A

**Emergency Overview**

**Physical Description & colour:** Clear amber liquid.

**Odour:** Solvent odour.

**Major Health Hazards:** No major health hazards are known.

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	CAS number	Proportion
Propiconazole	60207-90-1	25%
Inert ingredients	secret	<15%
Liquid hydrocarbon	64742-94-5	to 100%

**SECTION 4 – FIRST AID MEASURES**

<b>Inhalation:</b>	Remove affected person to fresh air until recovered. Obtain medical assistance.
<b>Skin contact:</b>	Wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
<b>Eye contact:</b>	If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes. Seek medical advice if irritation develops or persists.
<b>Ingestion:</b>	If swallowed, do not induce vomiting. Give a glass of water. Do not give anything by mouth to a semi-conscious or unconscious person. Obtain medical advice.

**Advice to Doctor:**  
Treat symptomatically.

## SECTION 5 – FIRE FIGHTING MEASURES

### Specific Hazard

Product is a combustible liquid, (C1)

### Fire/Explosion Hazard

### Dangerous Decomposition or Combustion Products

### Thermal Decomposition

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

### Extinguishing Media

Preferred extinguishing media are carbon dioxide, dry chemical, foam, water fog.

### Fire Fighting

If a significant quantity of this product is involved in a fire, call the fire brigade.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### Spills and Disposal

In the event of a major spill, prevent spillage from entering drains or water courses. Immediately call the Fire Brigade. As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include rubber, PVC. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. After spill, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this MSDS and the label, instructions on the label prevail. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

## SECTION 7 – HANDLING AND STORAGE

### Handling

When handling this product, do not eat, drink or smoke.

When mixing this product always wear a PVC or rubber apron, elbow length PVC gloves, face shield or goggles and overalls buttoned at the wrist and neck.

When spraying this product, wear a face shield or goggles

After each days use, wash gloves, face shield or goggles and overalls.

If product gets on skin, immediately wash area with soap and water.

### Storage

Store in the closed, original container in a well-ventilated area as cool as possible out of direct sunlight. Keep from contact with fertilisers and seeds.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure Limits

No exposure standards have been set for this product or the active ingredients.

### Engineering Control

Handle in well ventilated areas, generally natural ventilation is adequate.

### Personal Protective Measures

When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and washable hat, elbow-length PVC gloves and goggles.

### Hygiene Measures

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Liquid
<b>Colour:</b>	Clear amber liquid
<b>Odour:</b>	Solvent odour
<b>Boiling Point (°C):</b>	Not available
<b>Melting Point (°C):</b>	Not available
<b>Vapour Pressure:</b>	27 microPascals @ 20°C for Propiconazole
<b>Specific Gravity:</b>	0.995 ± 0.01
<b>Flashpoint:</b>	>63 °C
<b>Flammability:</b>	Combustible liquid, (C1)
<b>Solubility:</b>	Emulsify in water

## SECTION 10 – STABILITY AND REACTIVITY

### Reactivity

This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

### Conditions to Avoid

This product should be kept in a cool place, preferable below 30 °C. Keep away from sources of sparks or ignition.

### Incompatibilities

Strong acids, strong bases, strong oxidizing agents.

### Fire Decomposition

Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma

and death. Death results from respiratory arrest. Hydrogen cyanide gas acts very rapidly, symptoms and death can both occur quickly.

**Polymerisation**

This product is unlikely to undergo polymerization processes.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**Toxicity Data (On Propiconazole technical)**

**Acute Toxicity – Oral**

LD<sub>50</sub> for rats: 1517 mg/kg

LD<sub>50</sub> for mice: 1419 mg/kg

**Acute Toxicity - Dermal**

LD<sub>50</sub> for rats: > 4000 mg/kg

LD<sub>50</sub> for rabbits: >6000 mg/kg

**Acute Toxicity – Inhalation**

LC<sub>50</sub> (4hr) for rats: >5800 mg/L

**Potential Health Effects**

**Health Effects**

**Acute:**

**Inhalation:** The components of the product are of low volatility and no adverse effects are expected from handling the concentrate. However, care should be taken to avoid the inhalation of excessive amounts of spray mist during field spraying, respiratory irritation may occur. Breathing vapour can result in headaches, dizziness and possible nausea.

**Skin contact:** Prolonged contact with the concentrate may cause irritation.

**Eye contact:** The concentrate may cause irritation of the eyes.

**Ingestion:** Amounts swallowed incidental to normal handling procedures and use are not expected to cause injury.

**Carcinogen Status:**

ASCC: No significant ingredient is classified as carcinogenic by ASCC

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

**Other Information**

The Australian Acceptable Daily Intake (ADI) for propiconazole for a human is 0.07 mg/kg/bw/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 7 mg/kg/bw/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. \*ADI= Acceptable Daily Intake; NOAEL: No Observable Adverse Effect Level. Data adopted from Australia ADI List, March 2021.

## SECTION 12 – ECOLOGICAL INFORMATION

### Acute Toxicity – Birds

LD<sub>50</sub> for (mallard duck) is >2510 mg/kg

LD<sub>50</sub> for Japanese quail is 2223 mg/kg

LD<sub>50</sub> for Bobwhite quail is 2825 mg/kg

### Acute Toxicity - Fish

LC<sub>50</sub> for Carp is 6.8 mg/L

LC<sub>50</sub> for rainbow trout is 5.3 mg/L

LC<sub>50</sub> for golden orfe is 5.1 mg/L

### Acute Toxicity – Other Organisms

EC<sub>50</sub> for algae is 0.02-13.6 mg/L

Not toxic to bees.

EC<sub>50</sub> for daphnia 4.8 mg/L

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Disposal:** Instructions concerning the disposal of this product and its containers are given on the product label. These should be carefully followed.

## SECTION 14 – TRANSPORT INFORMATION

<b>Storage and Transport</b>	Considered non dangerous for road and rail transport (in packaging) by the Australian Code for the Transport of Dangerous Goods by Road and Rail. Ref: ADG7; SP No. AU01.
<b>UN Number (Sea Transport):</b>	3082
<b>IMO Class/Packing Group:</b>	Class 9; Packing Group III
<b>IMO Marine Pollutant:</b>	Marine Pollutant
<b>IMO Proper Shipping Name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains propiconazole)
<b>Hazchem code:</b>	None allocated.

## SECTION 15 – REGULATORY INFORMATION

<b>SUSMP Classification</b>	S6
<b>Packaging &amp; Labelling</b>	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING

**SECTION 16 – OTHER INFORMATION**

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

**Acronyms:**

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Number</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC</b>	International Agency for Research on Cancer
<b>NOHSC</b>	National Occupational Health and Safety Commission
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>UN Number</b>	United Nations Number
<b>GHS</b>	Globally Harmonised System

**CONTACT POINT:**

Police and Fire Brigade:	Dial	000
<b>National Poisons Information Centre:</b>	<b>Dial</b>	<b>13 11 26 (from anywhere in Australia)</b>
For 24 hour emergency response:	Dial	0439 933 556
		Ask for Murray Goodlich