

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.



Classification of the Hazardous Chemical: Flammable liquid – Category 4
Acute toxicity (Oral) – Category 4
Aspiration hazard – Category 1
Skin sensitization – Category 1
Specific target organ toxicity (Single exposure) – Category 3
Hazardous to the aquatic environment, long-term – Chronic 1

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

Response: protection.
 P301+P310: IF SWALLOWED: Immediately call 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/container 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

Inhalation:	Remove affected person to fresh air until recovered. Obtain medical assistance.
Skin contact:	Wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
Eye contact:	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.
Ingestion:	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

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

LD₅₀ for rats: 1517 mg/kg

LD₅₀ for mice: 1419 mg/kg

Acute Toxicity - Dermal

LD₅₀ for rats: > 4000 mg/kg

LD₅₀ for rabbits: >6000 mg/kg

Acute Toxicity – Inhalation

LC₅₀ (4hr) for rats: >5800 mg/L

Potential Health Effects

Health Effects

Acute:

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

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.

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, December 2025.

SECTION 12 – ECOLOGICAL INFORMATION

Acute Toxicity – Birds

LD₅₀ for (mallard duck) is >2510 mg/kg

LD₅₀ for Japanese quail is 2223 mg/kg

LD₅₀ for Bobwhite quail is 2825 mg/kg

Acute Toxicity - Fish

LC₅₀ for Carp is 6.8 mg/L

LC₅₀ for rainbow trout is 5.3 mg/L

LC₅₀ for golden orfe is 5.1 mg/L

Acute Toxicity – Other Organisms

EC₅₀ for algae is 0.02-13.6 mg/L

Not toxic to bees.

EC₅₀ 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

ADG

UN Number: 3082
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains PROPICONAZOLE)
Class: 9
Packaging group: III
Hazchem: •3Z
Storage and Transport: 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.

IMO-IMDG

UN Number: 3082
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains PROPICONAZOLE)
Class: 9
Packaging group: III
Marine pollutant: Yes

SECTION 15 – REGULATORY INFORMATION

SUSMP Classification S6
Packaging & Labelling 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:

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

CONTACT POINT:

Police and Fire Brigade:	Dial	000
National Poisons Information Centre:	Dial	13 11 26 (from anywhere in Australia)
For 24 hour emergency response:	Dial	1800 951 288 03 9573 3188