

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name:	Kenso Agcare Ken-Fos 600 Systemic Fungicide
Product Type:	Group 33 Fungicide
Company Name:	Kenso Corporation (M) Sdn Bhd
Address:	Level 1, 98 Commercial Road, Teneriffe, 4005 QLD.
Telephone Number:	(07) 3216 1188
Emergency Telephone Number:	000 (Police or Fire Brigade) 13 11 26 (Poisons Information Centre)
Use:	A Systemic Fungicide for the control of root rot in avocado, root and collar rot in citrus, root and crown rot in ornamentals & root and heart rot in pineapples caused by phytophthora fungi and for the control of downy mildew in grapes, poppies and cucurbits as per the directions for use.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification:	Classified as non-hazardous according to criteria of Safe Work Australia. Not classified as a Dangerous Good according to the ADG Code.
GHS Signal Word:	NONE. Not hazardous
SUSMP Classification:	S5
ADG Classification:	None allocated. Not a dangerous good.
UN Number:	None allocated.

Emergency Overview

Physical Description & colour: Clear to slightly cloudy colourless liquid.
Odour: No specific odour.
Major Health Hazards: No significant risk factors have been found for this product.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS number	Proportion
Phosphorous acid (present as mono and di potassium phosphite)	22898-01-7	60.0%
Water	7732-18-5	To 100%

SECTION 4 – FIRST AID MEASURES

General Information:
If poisoning occurs, contact a doctor or Poisons Information Centre (Tel: 131126).

Inhalation:	First aid is generally not required. Remove to fresh air, keep warm and at rest. If in doubt, contact Poison Information Centre or doctor.
Skin contact:	Remove contaminated clothing and wash affected area or skin with soap and water. Seek medical advice if irritation, reddening or other symptoms develop.
Eye contact:	Hold the eyes and flush immediately with plenty of water for 15 minutes. Check for contact lenses, remove if easy to do so. Seek medical attention.
Ingestion:	If swallowed, do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious patient. Seek medical advice.

Advice to Doctor:

Treatment is symptomatic.

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazard

There is no risk of an explosion from this product if under normal circumstances if it is involved in fire.

Dangerous decomposition or Combustion Products

Thermal decomposition

Not combustible, however after water evaporation, residual of material can emit toxic fumes. Take suitable protective measures.

Extinguishing Media

Not combustible. Use extinguishing media suited to burning materials.

Fire Fighting

If a significant quantity of this product is involved in a fire, call the fire brigade. There is little danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Fire-fighter should wear appropriate protective equipment with self-contained breathing apparatus.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills and Disposal

Ensure suitable personal protection during removal of spillage. Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite). Collect spilled material and waste in sealable open-top type containers for disposal. Do not allow to enter drains, sewers and watercourses.

Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, triple rinse, break, crush or puncture and deliver empty packaging or appropriate disposal at an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. Empty containers and product must not be burnt.

Personal Protection

For appropriate personal protective equipment (PPE), refer Section 8.

SECTION 7 – HANDLING AND STORAGE

Handling

Product may irritate the eyes and skin. Avoid contact with eyes and skin. Wash hands after use.

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

When preparing spray wear elbow-length PVC gloves and face shield or goggles.

When spraying this product, wear a face shield or goggles

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

Storage

Store in the closed, original container in a dry, cool, well ventilated area.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:

No specific exposure standards have been set for this product.

Engineering Controls

Well-ventilated area.

Personal Protection

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

If product on skin, immediately wash area with soap and 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 and face shield or goggles and contaminated clothing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Clear to slightly cloudy colourless
Odour:	No specific odour
pH:	7 - 8
Vapour Pressure:	2.37 kPa @20°C (water vapour pressure)
Specific Gravity:	1.5 ± 0.1
Flashpoint:	Non flammable
Solubility:	Soluble in water

SECTION 10 – STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions of handling and storage.

Conditions to Avoid

Store in the closed, original container in a dry, cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.

Incompatibilities

No particular incompatibilities.

Fire Decomposition

This product is unlikely to spontaneously decompose under normal storage condition.

Polymerisation

This product will not undergo polymerisation reactions.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity data: No data available.

Potential Health Effects

Health Effects

Avoid product contact with eyes and skin.

Acute:

Inhalation: Available data indicates that this product is not harmful. It should present no hazards in normal use. Product may be mildly irritating, but is unlikely to cause anything more than mild transient discomfort.

Skin contact: Available data indicates that this product is not harmful. It should present no hazards in normal use. Product may be mildly irritating, but is unlikely to cause anything more than mild transient discomfort.

Eye contact: May cause eye irritation but is unlikely to cause anything more than mild transient discomfort.

Ingestion: Oral exposure is considered unlikely in large quantities. However, this product may be irritating to mucous membranes yet unlikely to cause anything more than transient discomfort.

Mutagenicity

No data available.

Carcinogenicity

Not classify as carcinogen.

Other Information

No ADI and corresponding NOEL is listed for phosphorous acid. *ADI= *Acceptable Daily Intake*; NOEL: *No Observable Effect Level*. Data adopted from Australia ADI List, December 2023.

SECTION 12 – ECOLOGICAL INFORMATION

This product is harmful to fish. Do NOT contaminate streams, rivers or waterways with the chemical or used containers.

Ecotoxicity data: Low as per USA EPA BioPesticide registration.

ENVIRONMENTAL FATE: No data available.

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: None allocated
Proper shipping name: None allocated
Class: None allocated
Packaging group: None allocated

IMO-IMDG

UN Number: None allocated
Proper shipping name: None allocated
Class: None allocated
Packaging group: None allocated
Marine pollutant: None allocated

SECTION 15 – REGULATORY INFORMATION

SUSMP Classification S5
Packaging & Labelling CAUTION
 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 0428 776 327
 Ask for Russell Clark