

## SAFETY DATA SHEET

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

<b>Product Name:</b>	<b>Kenso Agcare Ken-Fos 600 Systemic Fungicide</b>
<b>Product Type:</b>	Group 33 Fungicide
<b>Company Name:</b>	Kenso Corporation (M) Sdn Bhd
<b>Address:</b>	Level 1, 98 Commercial Road, Teneriffe, 4005 QLD.
<b>Telephone Number:</b>	(07) 3216 1188
<b>Facsimile Number:</b>	(07) 3216 0388
<b>Emergency Telephone Number:</b>	000 (Police or Fire Brigade) <b>13 11 26 (Poisons Information Centre)</b>
<b>Use:</b>	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

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

<b>Inhalation:</b>	First aid is generally not required. Remove to fresh air, keep warm and at rest. If in doubt, contact Poison Information Centre or doctor.
<b>Skin contact:</b>	Remove contaminated clothing and wash affected area or skin with soap and water. Seek medical advice if irritation, reddening or other symptoms develop.
<b>Eye contact:</b>	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.
<b>Ingestion:</b>	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 by SafeWork Australia. 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, March 2016.

### 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

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

**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

**UN Number:** None allocated.  
**Proper Shipping Name:** None allocated.  
**ADG Class:** None allocated. Not a dangerous good.  
**Hazchem Code:** None allocated.  
**Packing Group:** 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 0439 933 556  
Ask for Murray Goodlich