

**MATERIAL SAFETY DATA SHEET**

**Statement of Hazardous Nature:**

Hazardous according to criteria of Worksafe Australia

**Company:** Kenso Corporation (M) Sdn Bhd  
**Address:** H / 177 Old Cleveland Road, Coorparoo  
Queensland 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 Ken-Tac 100 Insecticide  
**Other Names:** None  
**Manufacture's Product Code:** None  
**UN Number:** 3082  
**Dangerous Goods Class:** 9  
**Subsidiary Risk:** None allocated  
**Hazchem Code:** 2X  
**Poisons Schedule Number:** S6  
**Packaging Group:** III

**Use:**

Liquid insecticide for use in various crops.

**Physical Description/Properties**

**Appearance:** Clear liquid with hydrocarbon odour  
**Boiling Point:** Not available  
**Vapour Pressure:** Not available  
**Specific Gravity:** 0.93 ± 0.01  
**Flashpoint:** 62°C  
**Flammability Limits:** Not available  
**Solubility in Water:** Forms emulsion

**Ingredients**

Chemical Name	CAS No	Proportion
Alpha-cypermethrin	67375-30-8	10 % w/v
Liquid hydrocarbon	64742-94-5	60 - 80% w/v
Other ingredients		To 100% w/v

## HEALTH HAZARD INFORMATION

### Health Effects

#### Acute:

- Swallowed:** Harmful.
- Eye:** May cause irritation.
- Skin:** Maybe harmful. Repeated or prolonged exposure may cause irritant contact dermatitis. If substantial contact occurs, it could cause facial numbness.
- Inhaled:** Maybe harmful. Inhalation of aromatic hydrocarbon vapours may cause dizziness, disturbances of vision, and irritation to the eyes, skin and mucous membranes of the respiratory and gastrointestinal tract.

#### Chronic:

Animal studies have been undertaken on the active ingredient, alpha-cypermethrin. These studies show that the active can act on the nervous system and produce excitatory effects predominately on the sensory nerve endings. The technical does not cause teratogenicity or reproductive toxicity nor is it a carcinogen.

### First Aid

<b>Swallowed</b>	If poisoning occurs, contact a doctor or Poisons Information Centre (Tel 131126)
<b>Eye</b>	Irrigate with copious quantities of water for at least 15 minutes. In all cases of eye contamination it is sensible precaution to seek medical advice.
<b>Skin</b>	Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.
<b>Inhaled</b>	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:**

Contains a synthetic pyrethroid insecticide. 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:

Harmful if swallowed. Will irritate the eyes and skin. Facial skin contact may cause temporary facial numbness. 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. Do not store for prolonged periods in direct sunlight.

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

### Transport

This product is classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG) for the Transport by Road and Rail.

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS ALPHA-CYPERMETHRIN) MARINE POLLUTANT

**DG** Not to be loaded with explosives (Class 1), oxidising agents (Class 5.1), organic peroxides (Class 5.2), however exemptions may apply.

### 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. Material may support combustion at elevated temperatures. Sealed, overheated containers may present explosion hazard. Thermal decomposition and burning may produce toxic-by-products.

**Suitable extinguishing media**

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

<b>OTHER INFORMATION:</b>
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**Toxicity Data:**

No LD<sub>50</sub> data available for product.

Alpha-cypermethrin technical  
Acute oral LD<sub>50</sub> for rats: 79 mg/kg

Dangerous to fish and aquatic invertebrates such as yabbies. DO NOT contaminate streams, rivers or waterways with the chemical or the used container. Drift and run-off from treated areas may be hazardous to fish or crustaceans in adjacent sites.

Dangerous to bees. DO NOT spray on any plants in flower while bees are foraging.

**CONTACT POINT:**

Police and Fire Brigade:	Dial	000
<b>National Poisons Information Centre:</b>	<b>Dial</b>	<b>13 1126 (from anywhere in Australia)</b>
For 24 hour emergency response:	Dial	0439 933 556
		Ask for Murray Goodlich