

MATERIAL SAFETY DATA SHEET

Statement of Hazardous Nature:

Hazardous according to criteria of Worksafe Australia

Company: Kenso Corporation (M) Sdn Bhd
Address: Kirkland Corner H/177 Old Cleveland Rd.
Coorparoo 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: Ken-Cyper 200 Insecticide

Other Names: None
Manufacture's Product Code: None
UN Number: None
Dangerous Goods Class: None
Subsidiary Risk: None
Hazchem Code: None
Poisons Schedule Number: S6

Use:
Synthetic pyrethroid insecticide for Agriculture use.

Physical Description/Properties

Appearance: Yellow liquid with solvent odour
Boiling Point: >178°C
Vapour Pressure: <0.074 kPa at 20°C
Specific gravity: 0.95 -0.98
Flashpoint: >63°C
Flammability Limits: Material can form flammable mixture or can burn only when heated to temperature at or above its flash point.
Solubility in Water: Forms emulsion

Ingredients

Chemical Name	CAS No	Proportion
Cypermethrin	52315-07-8	20% w/v
Liquid hydrocarbon		62.5% w/v
Other ingredients		Balance

HEALTH HAZARD INFORMATION

Health Effects

Acute:

- Swallowed:** Ingestion of the concentrate may cause injury or death. If product enters the lungs, solvent may cause chemical pneumonia and permanent damage.
- Eye:** Will cause temporary moderate eye irritation.
- Skin:** Maybe harmful. Repeated or prolonged exposure may cause irritant contact dermatitis. If substantial contact occurs, it could cause facial numbness.
- Inhaled:** Excessive exposure to spray mist may be harmful. Prolonged exposure to the solvent vapor from the undiluted product may cause eye and respiratory tract irritation, headache, dizziness and narcotic effects.

Chronic :

Product and spray are poisonous if inhaled or swallowed. Repeated minor exposure may cause allergic disorders. There is no evidence that cypermethrin is carcinogenic. Teratogenic or that it causes genetic damage.

First Aid

Swallowed	If swallowed and more than 15 minutes from a hospital induce vomiting using Ipepac Syrup APF. Obtain medical attention immediately. DO NOT give fluids or induce vomiting if victim is convulsing or unconscious.
Eye	Hold eyes open and 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.
Skin	Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.
Inhaled	Remove to fresh air. Lay victim down and keep warm and calm. If breathing has stopped or swallow, ensure clear airway and apply artificial respiration or oxygen. Obtain medical attention immediately.

First Aid Facilities:

Advice to Doctor:

This product contains petroleum type solvents. The benefits of inducing vomiting must be weighted against risk of chemical pneumonitis. If lavage is performed, endotracheal or oesophagosopic control is recommended.

PRECAUTIONS FOR USE

Exposure Standards:

A time weighted average (TWA) concentration for an eight hour day, five day week has not been established for the main ingredients in this product. There is a blanket recommendation of 10 mg/m³ for inspirable dusts or mists when limits have not otherwise been established. The nature of this product makes it unlikely that this level will be reached.

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 vapor 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

Considered non-hazardous by Australian Code for the Transport of Dangerous Goods by Road and Rail.

Spills and Disposal

Clean up immediately. Wear protective equipment to prevent skin 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 labeled 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

Heat sources, naked flames or sparks can cause fire. If possible, remove drums from the site of fire as overheating may cause drums to explode. Cool containers with a fine spray of water. In a major fire decomposition will give rise to toxic and noxious fumes.

Fire fighting further advice

Advice Fire Brigade of nature of hazard. Do not use water on leaking drums as toxic run-off will form. Consider allowing fire to burn itself out.

Suitable extinguishing media

Foam, dry agent (carbon dioxide, dry chemical powder). Avoid using AFFF.

OTHER INFORMATION:

Toxicity Data:

No LD₅₀ data available for product.

Cypermethrin technical

Acute oral LD₅₀ for rats: 450mg/kg

Acute dermal LD₅₀ for rabbits: > 2200 mg/kg

CONTACT POINT:

Police and Fire Brigade:

National Poisons Information Centre:

For 24 hour emergency response:

Dial

Dial

Dial

000

13 1126 (from anywhere in Australia)

0439 933 556

Ask for Murray Goodlich