

MATERIAL SAFETY DATA SHEET

Statement of Hazardous Nature:

Non-hazardous according to criteria of Worksafe Australia

Company: Kenso Corporation (M) Sdn Bhd
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Emergency Telephone Number: 000 (Police or Fire Brigade)
131126 (Poisons Information Centre)

IDENTIFICATION

Product Name: Kenso Agcare Amitraz 200 Duo
Insecticide
Other Names: None
Manufacture's Product Code: None
UN Number: None allocated
Dangerous Goods Class: None allocated
Subsidiary Risk: None allocated
Hazchem Code: None allocated
Poisons Schedule Number: S6

Use:

For the control of Heliothis on cotton by either EC or ULV application

Physical Description/Properties

Appearance: Pale-strawed colour liquid with solvent odour
Boiling Point: 224
Vapour Pressure: Not available
Specific Gravity: 0.93 ± 0.01 (20°C)
Flashpoint: 63°C
Flammability Limits: UEL: 7% LEL: 0.6% (solvent)
Solubility in Water: Forms emulsion

Ingredients

Chemical Name	CAS No	Proportion
Amitraz	33089-61-1	20 % w/v
Emulsifier		> 5% w/v
Aromatic hydrocarbons	64742-94-5	Balance

HEALTH HAZARD INFORMATION

Health Effects

Acute:

- Swallowed:** Harmful. May cause nausea, vomiting and central nervous system depression. If victim is showing signs of central system depression (like those of drunkenness) there is greater likelihood of the patient breathing in vomit and causing damage to the lungs. Breathing in vomit may lead to aspiration pneumonia (inflammation of the lung).
- Eye:** Cause irritation
- Skin:** Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
- Inhaled:** Harmful. Irritating to respiratory tract and may cause headaches, dizziness and nausea.

Chronic:

No evidence of carcinogenic, mutagenic, teratogenic or reproductive effects. Gross skin absorption and ingestion may cause central nervous system depression and non-specific effects.

First Aid

Swallowed	Rinse mouth with water. Give plenty of water to drink. Do NOT induce vomiting. Seek medical assistance.
Eye	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 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:

Treatment is symptomatic.
If large amount is swallowed, monitor respiratory, cardiac and CNS functions. Observe blood pressure and heart rate. Perform gastric lavage and charcoal administration. Provide artificial respiration and endotracheal intubation when necessary. Anticonvulsant is not appropriate. Give phentolamine or yohimbine as antidote. Do NOT use atropine.

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:

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES (Short)

Avoid eye contact, repeated or prolonged skin contact and the inhalation of vapour. Wear overalls, safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet.

If risk of inhalation the vapour exists, wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

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

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG) for the Transport by Road and Rail.

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. On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion.

Suitable extinguishing media

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

OTHER INFORMATION:

Toxicity Data:

No LD₅₀ data available for product.

Amitraz technical

Acute oral LD₅₀ for rats: 681 mg/kg (male) ; 1080 mg/kg (female)

Acute dermal LD₅₀ for rabbits: > 2000 mg/kg

Inhalation LC₅₀ for rats: 5.76 mg/L (4hrs)

LC₅₀ (96hr) for bluegill sunfish: 0.45mg/L

LC₅₀ (96hr) for rainbow trout: 0.74 mg/L

EC₅₀ (48hr) for Daphnia magna: 0.035 mg/L

LC₅₀ for mallard duck: 7000 mg/kg

LC₅₀ for bobwhite quail: 788 mg/kg

LD₅₀ for bee: 0.050mg/bee

CONTACT POINT:

Police and Fire Brigade:

National Poisons Information Centre:

For 24 hour emergency response:

Dial 000

Dial 13 1126 (from anywhere in Australia)

Dial 0439 933 556

Ask for Murray Goodlich