

## SAFETY DATA SHEET

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

<b>Product Name:</b>	<b>Kenso Agcare Imiken 200 SC Termiticide</b>
<b>Product Type:</b>	Group 4A Insecticide
<b>Company Name:</b>	Kenso Corporation (M) Sdn Bhd
<b>Address:</b>	Level 1, 98 Commercial Road, Teneriffe QLD 4005
<b>Telephone Number:</b>	(07) 3216 1188
<b>Emergency Telephone Number:</b>	000 (Police or Fire Brigade) <b>13 11 26 (Poisons Information Centre)</b>
<b>Use:</b>	For use in the management of subterranean termites as specified in the Direction for Use.

### SECTION 2 – HAZARDS IDENTIFICATION

**Hazard Classification:** Classified as hazardous according to criteria of Safe Work Australia. Not classified as a Dangerous Good according to the ADG Code.



**GHS Signal Word:** **WARNING**

**Hazard statements:**

H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H400: Very toxic to aquatic life.

**Prevention:**

H410: Very toxic to aquatic life with long lasting effects.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264: Wash contacted areas thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P272: Contaminated work clothing should not be allowed out of the workplace.

**Response:**

P273: Avoid release to the environment.  
P280: Wear protective gloves.  
P301 + P312: IF SWALLOWED: Call a POISON CENTER/doctor/physician if you feel unwell.  
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
P321: Specific treatment (see FIRST AID on this label)  
P330: Rinse mouth.  
P332 + P313: If skin irritation occurs: Get medical advice/attention.  
P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.

**Disposal:**

P362 + P364: Take off contaminated clothing and wash it before reuse.  
P391: Collect spillage.  
P501: Dispose of contents/container as specified on the registered label.

**SUSMP Classification:** S5  
**ADG Classification:** N/A  
**UN Number:** N/A

### Emergency Overview

**Physical Description & colour:** White to slightly beige liquid suspension

**Odour:** Slight characteristic

**Major Health Hazards:** No major health hazard is known.

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS number	Proportion
Imidacloprid	138261-41-3	20%
Inert ingredients		to 100%

### SECTION 4 – FIRST AID MEASURES

<b>Inhalation:</b>	Remove affected persons into fresh air and keep warm and at rest. Seek medical advice if at all worried.
<b>Skin contact:</b>	Carefully remove contaminated clothing and wash affected skin thoroughly with soap and water. Seek medical advice if at all worried.
<b>Eye contact:</b>	Hold eyes open, flood with water for at least 15 minutes. Seek medical advice.
<b>Ingestion:</b>	Obtain immediate medical advice as above. Do not induce vomiting unless advised to do so by doctor or Poisons Information Centre. Do not give anything by mouth to an unconscious or semi conscious person.

#### Advice to Doctor

Treat symptomatically.

### SECTION 5 – FIRE FIGHTING MEASURES

#### Fire/Explosion Hazard

#### Dangerous Decomposition or Combustion Products

#### Thermal Decomposition

This product is non-flammable- water based product.

#### Hazardous Decomposition products

Carbon monoxide, nitrogen oxides, hydrogen chloride, hydrogen cyanide

#### Extinguishing Media

Use water spray, foam, extinguishing powder, carbon dioxide, sand.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

#### Spills and Disposal

Shovel or sweep into drums. Dispose off in an approved land-fill. Wash contaminated surfaces with detergent and water. Do not allow spills to contaminate rivers, dams or other waterways.

## SECTION 7 – HANDLING AND STORAGE

### Handling

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

When mixing this product always wear a PVC or rubber apron, elbow length PVC gloves, face shield or goggles and overalls buttoned at the wrist and neck.

When spraying this product, wear a face shield or goggles

After each day's use, wash gloves, face shield or goggles and overalls.

If product gets on skin, immediately wash area with soap and water.

### Storage

Store in the closed, original container in a well-ventilated area as cool as possible out of direct sunlight. Keep from contact with fertilisers and seeds.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure Standards:

The NOHSC exposure standard (TWA) for glycerine mist is: 10 mg/m<sup>3</sup>

Exposure standard- Time weighted Average (TWA) means the average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five day working week.

### Engineering Controls:

Control process conditions to avoid contact. Use in a well-ventilated area only.

### Personal Protection:

Eyes: Wear goggles.

Clothing: Wear cotton overalls buttoned to the neck and wrist and a washable hat.

Gloves: Wear elbow-length PVC gloves.

Respiratory: Wear a disposable mask if inhalation is likely.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	White to slightly beige
Odour:	Slight characteristic
Boiling point (°C):	Not applicable
Vapour Pressure:	Not applicable
Specific gravity:	1.10 at 20°C
Flashpoint:	Non flammable
Solubility:	Dispersible

## SECTION 10 – STABILITY AND REACTIVITY

### Chemical Stability

This product is stable under normal storage conditions.

### Conditions to Avoid

Avoid extreme heat.

### Incompatibilities

Avoid acids, alkalis, strong oxidising agents.

### Hazardous Polymerization

Hazardous polymerization is not possible.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Toxicity data:

#### Acute Toxicity – Oral

LD<sub>50</sub> rat (female): approximately 1218 mg/kg

LD<sub>50</sub> rat (male): approximately 1684 mg/kg

#### Acute Toxicity – Dermal

LD<sub>50</sub> rat: > 4000 mg/kg

#### Acute Toxicity – Inhalation

LD<sub>50</sub> rat (4 hour): > 2.238 mg/L- aerosol (highest attainable concentration)

#### Skin irritation

Not irritating (rabbit)

## Potential Health Effects

### Health Effects

**Inhalation:** May be harmful if inhaled.

**Skin contact:** May irritate skin.

**Eye contact:** May irritate eyes.

**Ingestion:** Harmful if swallowed. Symptoms of poisoning include: Apathetic state, depressed muscular tone, respiratory disturbances and trembling. Muscular cramps are also possible in severe cases of poisoning.

### Chronic:

Animal studies with imidacloprid showed no evidence of oncogenic effects, no evidence of carcinogenic effects and no teratogenic potential.

## SECTION 12 – ECOLOGICAL INFORMATION

### Acute Toxicity - Fish

LC<sub>50</sub>: 237 mg/L (96 h); golden orfe (*Leuciscus idus melanotis*)

LC<sub>50</sub>: 211 mg/L (96 h); rainbow trout (*Oncorhynchus mykiss*)

LC<sub>50</sub>: 280 mg/L (96 h); carp (*Cyprinus carpio*)

### Acute Toxicity – Aquatic Invertebrate

EC<sub>50</sub>: 0.055 mg/L (48 h); *Hyalella azteca*

EC<sub>50</sub>: 85 mg/L (48 h); *Daphnia magna*

### Acute Toxicity – Algae

EC<sub>50</sub>: > 100 mg/L (72 h); green alga (*Pseudokirchneriella subcapitata*)

### Acute Toxicity – Bacteria

EC<sub>50</sub>: > 10000 mg/L; activated sludge (OECD 209)

**Acute Toxicity – Bird**

Acute oral LD<sub>50</sub>: 31mg/kg; Japanese quail

Acute oral LD<sub>50</sub>: 152 mg/kg; bobwhite quail

**Known Harmful Effects on the Environment**

**Other Precautions**

None

**Environ. Protection**

DO NOT contaminate streams, rivers or waterways with Savage 200 insecticide or the used containers.

**Persistence / Degradability**

Imidacloprid cannot be classified as being persistent as it does not accumulate. Repeated use of imidacloprid over several years in maximum concentrations in soil will reach a plateau and will decline if no further applications occur.

Imidacloprid is toxic to certain aquatic species. Dangerous to bees.

**Environmental Fate, persistence and degradability, mobility**

Imidacloprid shows a medium adsorption to soil. Classified as immobile in soil. Not expected to leach.

**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**

<b>Storage and Transport</b>	Considered non dangerous for road and rail transport (in packaging) by the Australian Code for the Transport of Dangerous Goods by Road and Rail. Ref: ADG7; SP No. AU01.
<b>UN Number (Sea Transport):</b>	3082
<b>IMO Class/Packing Group:</b>	Class 9; Packing Group III
<b>IMO Marine Pollutant:</b>	Marine Pollutant
<b>IMO Proper Shipping Name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains imidacloprid)
<b>Hazchem code:</b>	None allocated.

**SECTION 15 – REGULATORY INFORMATION**

<b>SUSMP Classification</b>	S5
<b>Packaging &amp; Labelling</b>	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:**

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Number</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC</b>	International Agency for Research on Cancer
<b>NOHSC</b>	National Occupational Health and Safety Commission
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>UN Number</b>	United Nations Number
<b>GHS</b>	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