

## SAFETY DATA SHEET

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

<b>Product Name:</b>	<b>Kenso Agcare Simazine 900 WG Herbicide</b>
<b>Product Type:</b>	Group C Herbicide
<b>Company Name:</b>	Kenso Corporation (M) Sdn Bhd
<b>Address:</b>	Unit 3C/ 59, Oxford Street, Bulimba Queensland 4171
<b>Telephone Number:</b>	(07) 3217 9788
<b>Facsimile Number:</b>	(07) 3217 9733
<b>Emergency Telephone Number:</b>	000 (Police or Fire Brigade) <b>13 11 26 (Poisons Information Centre)</b>
<b>Use:</b>	For the control of weeds in asparagus, berry fruits, citrus, almonds, gladioli, hops, apples and pears, roses, grapevines, lupins and non-crop situations. Refer to the product label for full use instructions.

### 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.



<b>GHS Signal Word:</b>	<b>WARNING</b>
<b>Hazard statements:</b>	H351: Suspected of Causing Cancer H410: Very toxic to aquatic life with long lasting effects.
<b>Prevention:</b>	P273: Avoid release to the environment.
<b>Response:</b>	P308 + P313: If exposed or concerned: get medical advice/attention P391: Collect spillage.
<b>Disposal:</b>	P501: Dispose of contents and containers as specified on the registered label.
<b>SUSMP Classification:</b>	None allocated
<b>ADG Classification:</b>	Not a dangerous good.
<b>UN Number:</b>	N/A

### Emergency Overview

**Physical Description & colour:** Off white to beige water dispersible granule.

**Odour:** None specific

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

## Potential Health Effects

### Health Effects

#### Acute:

**Swallowed:** Low toxicity, if swallowed. Oral LD<sub>50</sub> (rats) >10000 mg/kg.

**Eye:** None irritant. (Rabbits)

**Skin:** None irritant. (Rabbits)

**Inhaled:** Because of negligible oral toxicity no study was performed.

#### Chronic: (Active Ingredient)

**Simazine technical** has been extensively tested on laboratory mammals and in test-tube systems. No evidence of mutagenic, teratogenic or reproductive effects was obtained. After chronic oral administration an increased incidence of mammary tumours was observed in female rats fed high doses. The relevance to humans of the mammary tumour findings is heavily doubted.

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS number	Proportion
Simazine	122-34-9	90%w/w
Inert ingredients	secret	to 100%w/w

## SECTION 4 – FIRST AID MEASURES

<b>Swallowed:</b>	If poisoning occurs contact a doctor or Poisons Information Centre
<b>Eye:</b>	Flush with large quantities of clean tap water for at least 15 minutes.
<b>Skin:</b>	Remove contaminated clothing and wash affected areas thoroughly with soap and water.
<b>Inhaled:</b>	Move affected person to fresh air and keep at rest until recovered.

### Advice to Doctor

No specific antidotes exists. Treat symptomatically.

## SECTION 5 – FIRE FIGHTING MEASURES

### Fire/Explosion Hazard

#### Dangerous Decomposition or Combustion Products

#### Thermal Decomposition

This product is non-flammable, non-explosive and non-combustible. Extinguish warehouse or factory fires using fine water spray or foam. Do not allow fire-water to enter drains.

### Hazardous Reactions

Avoid oxidising agents. Strong acids or alkalies will slowly decompose simazine.

### Extinguishing Media

Use water spray, foam, carbon dioxide or dry chemical.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### Spills and Disposal

In case of spillage it is important to take all steps necessary to:

- ❖ Avoid eye and skin contact.
- ❖ Avoid contamination of 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 days 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:

No exposure standards have been set for the components of this product.

### Engineering Controls:

No special requirements. Product is used outdoors.

### Personal Protection:

Avoid contact with eyes and skin.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Granules
<b>Colour:</b>	Off white to beige
<b>Odour:</b>	None specific
<b>Boiling Point (°C):</b>	Not applicable
<b>Vapour Pressure:</b>	810 nPa (20°C)
<b>Flashpoint:</b>	Non flammable
<b>Solubility:</b>	Soluble

## SECTION 10 – STABILITY AND REACTIVITY

### Chemical Stability

This product is stable under normal storage conditions.

### Conditions to Avoid

None.

### Incompatibilities

None.

### Hazardous Polymerization

Hazardous polymerization is not possible.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Toxicity data (On Simazine technical)

Acute oral LD<sub>50</sub> for rats > 5000 mg/kg

Acute percutaneous LD<sub>50</sub> for rats > 3100 mg/kg

## SECTION 12 – ECOLOGICAL INFORMATION

### Known Harmful Effects on the Environment

### Other Precautions

### Environ. Protection

Spray drift should be avoided, read the label for more information.

### Persistence / Degradability

Half life in soil is typically 70 - 110 days.

### Acute Toxicity - Fish

Slightly toxic to fish.

LC<sub>50</sub> (96 hrs) > 100 mg/L in rainbow trout and crucian carp

LC<sub>50</sub> (96 hrs): 90 mg/L in bluegill

### Acute Toxicity – Other Organisms

Non-toxic to honeybees and birds

## 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>UN Number:</b>	None allocated
<b>Proper Shipping Name:</b>	None Allocated
<b>ADG Class:</b>	None allocated. Not a dangerous good.
<b>Hazchem Code:</b>	None allocated.
<b>Packing Group:</b>	None allocated.

## SECTION 15 – REGULATORY INFORMATION

<b>SUSMP Classification</b>	None allocated
<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
<b>National Poisons Information Centre:</b>	<b>Dial</b>	<b>13 11 26 (from anywhere in Australia)</b>
For 24 hour emergency response:	Dial	0439 933 556
		Ask for Murray Goodlich