

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name: Kenso Agcare Simazine 900 WG Herbicide
Product Type: Group C Herbicide
Company Name: Kenso Corporation (M) Sdn Bhd
Address: Unit 3C/ 59, Oxford Street, Bulimba Queensland 4171
Telephone Number: (07) 3217 9788
Facsimile Number: (07) 3217 9733
Emergency Telephone Number: 000 (Police or Fire Brigade)
13 11 26 (Poisons Information Centre)
Use: 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.



GHS Signal Word: **WARNING**
Hazard statements: H351: Suspected of Causing Cancer
H410: Very toxic to aquatic life with long lasting effects.
Prevention: P273: Avoid release to the environment.
Response: P308 + P313: If exposed or concerned: get medical advice/attention
P391: Collect spillage.
Disposal: P501: Dispose of contents and containers as specified on the registered label.
SUSMP Classification: None allocated
ADG Classification: Not a dangerous good.
UN Number: 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 LD₅₀ (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

Swallowed:	If poisoning occurs contact a doctor or Poisons Information Centre
Eye:	Flush with large quantities of clean tap water for at least 15 minutes.
Skin:	Remove contaminated clothing and wash affected areas thoroughly with soap and water.
Inhaled:	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

Form:	Granules
Colour:	Off white to beige
Odour:	None specific
Boiling Point (°C):	Not applicable
Vapour Pressure:	810 nPa (20°C)
Flashpoint:	Non flammable
Solubility:	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 LD₅₀ for rats > 5000 mg/kg

Acute percutaneous LD₅₀ 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.

LC₅₀ (96 hrs) > 100 mg/L in rainbow trout and crucian carp

LC₅₀ (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

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

SECTION 15 – REGULATORY INFORMATION

SUSMP Classification	None allocated
Packaging & Labelling	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:

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