

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name: Kenso Agcare Caimen 30 GR Herbicide
Product Type: Group Q Herbicide
Company Name: Kenso Corporation (M) Sdn. Bhd.
Address: Level 1, 98 Commercial Road, Teneriffe, 4005 QLD.
Telephone Number: (07) 3216 1188
Emergency Telephone Number: 000 (Police or Fire Brigade)
13 11 26 (Poisons Information Centre)
Use: For the control of certain annual grasses in rice as per Directions for Use Table.

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.
Classification of the Hazardous Chemical: Reproductive toxicity – Effects on or via lactation
GHS Signal Word: **NONE.**
Hazard statements: H362: May cause harm to breast-fed children.
Prevention: P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P260: Do not breathe dusts or mists.
P263: Avoid contact during pregnancy and while nursing.
P264: Wash hands, arms and face thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
Response: P308+P313: IF exposed or concerned: Get medical advice/attention.
SUSMP Classification: S6
ADG Classification: Not a dangerous good.
UN Number: None allocated.

Emergency Overview

Physical Description & colour: Grey/Brown coloured granules
Odour: Mild odour
Major Health Hazards: May irritate the eyes, nose, throat and skin. Do not inhale dust. Avoid contact with eyes and skin.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS number	Proportion
Clomazone	81777-89-1	3.0 %
C14-17 chlorinated paraffin	85535-85-9	< 4.0 %
Inert ingredients	secret	to 100 %

SECTION 4 – FIRST AID MEASURES

General Information:

If poisoning occurs, contact a doctor or Poisons Information Centre, Phone Australia 131 126.

Inhalation:	Remove to fresh air until recovered. If symptoms persist, seek medical advice.
Skin contact:	Brush granules away gently. Wash skin with soap and water. If irritation occurs and persists, seek medical advice. However, irritation is not expected.
Eye contact:	Gently brush granules away and rinse with water until chemical is removed. If irritation occurs and persists, seek medical advice.
Ingestion:	If product is swallowed or gets in mouth, do not induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

Advice to Doctor:

Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazards

Dangerous Decomposition or Combustion Products

Thermal Decomposition

Combustible product. Product will decompose when burnt and will emit toxic fumes.

Extinguishing Media

Carbon dioxide, foam or dry agent. If unavailable, use waterfog or fine water spray but ensure all runoff is contained.

Fire Fighting

Evacuate downwind resident and isolate the fire area. If a significant quantity of this product is involved in a fire, call the fire brigade. Fire-fighter should wear appropriate protective equipment with self-contained breathing apparatus if risk of exposure to vapour or smoke. There is no risk of explosion.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills & Disposal

In case of spillage, confine and sweep up granules. Do not dispose of undiluted chemicals on site. Puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

Personal Protection

For appropriate personal protective equipment (PPE), refer Section 8. As a minimum, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow length PVC gloves and disposable dust mask covering mouth and nose.

SECTION 7 – HANDLING AND STORAGE

Handling

Product may irritate the eyes, nose, throat and skin. Do not inhale dust. Avoid contact with eyes and skin. When opening the container and using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length PVC gloves and disposable dust face mask covering mouth and nose. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

Storage

Store in the closed, original container, in a dry, cool, well-ventilated area out of direct sunlight.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards

No exposure standards have been set for this product.

Engineering Controls

Generally natural ventilation is adequate. No special engineering controls are required, however make sure that the work environment remains clean and that dusts are minimised. Keep containers closed when not in use.

Personal Protective Equipment

When opening the container and using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length PVC gloves and disposable dust face mask covering mouth and nose.

Hygiene Measures

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form:	Granules
Colour:	Grey/Brown colour
Odour:	Mild odour
pH:	No data
Boiling Point (°C):	Not available
Flammability:	Combustible solid
Vapour Pressure:	Not available
Specific gravity:	No data
Water Solubility:	Disperse in water

SECTION 10 – STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions.

Conditions to Avoid

Store in the closed original container in a dry, cool and out of direct sunlight until ready to use.

Incompatibilities

Strong oxidizing agent such as chlorates, nitrates, peroxides etc.

Fire Decomposition

Hazardous products of combustion: See Section 5.

Polymerisation

This product will not undergo polymerisation reactions.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity data (technical)

Acute Toxicity – Oral

LD₅₀ (male rats): >2000 mg/kg

Acute Toxicity - Dermal

LD₅₀ (rabbits): >2000 mg/kg

Acute Toxicity – Inhalation:

LC₅₀ (rats) (4hr): 4.8 mg/L

Skin irritation: NON IRRITANT

Eye irritation: NON IRRITANT

Sensitization: NON SENSITISER

Potential Health Effects

Health Effects

Product may irritate the eyes, nose, throat and skin. Do not inhale dust. Avoid contact with eyes and skin.

Acute:

- | | |
|----------------------|--|
| Inhalation: | Product may cause irritation to mucous membrane. When applying as spray, avoid breathing in spray mists. |
| Skin contact: | Product should present no hazards in normal use and unlikely to irritate the skin. |
| Eye contact: | Product granules can cause physical discomfort if in the eye. May cause irritation, stinging, reddening and watering of the eyes. |
| Ingestion: | This product is harmful if swallowed; do not induce vomiting unless instructed by poison centre or doctor. Do not give anything by mouth to an unconscious person. |

Chronic Toxicity

In studies with laboratory animals, clomazone did not cause reproductive toxicity, teratogenicity or carcinogenicity. Liver enlargement and elevated cholesterol levels are often noted in laboratory animals that have ingested large doses of clomazone during their lifespan. An overall absence of genotoxicity has been demonstrated in tests of mutagenicity, DNA damage and chromosomal aberrations.

One component of this product (< 4%) is classified as having the potential to cause harm to breast-fed children. As such, breast feeding women are advised to avoid handling this product.

Other Information

The Australian ADI for Clomazone is set at 0.1 mg/kg/day with corresponding NOAEL is set at 14 mg/kg/day. *ADI= Acceptable Daily Intake; NOAEL: No Observable Adverse Effect Level. Data adopted from Australia ADI List, December 2022.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity data (of technical)

Acute Toxicity – Bird

LD₅₀ bobwhite quail and mallard duck: >2150 mg/kg.

Acute Toxicity – Fish

LC₅₀ bluegill sunfish (96 hrs): 34 mg/L.

Acute Toxicity – Crustaceans

Daphnia LC₅₀ (48 hrs): 5.2 mg/L.

Acute Toxicity – Other organisms

Algae: E_bC₅₀ *Selenastrum capricornutum* (96 hrs): 2.0 mg/L.

Bees: LD₅₀ (oral): 85.29 µg/bee

ENVIRONMENTAL FATE

Clomazone is readily degraded in soils under aerobic and anaerobic conditions (half life = 1 to 4.5 months). Clomazone is stable to chemical hydrolysis. Clomazone has a low potential for movement in the soil, and with a Log Pow of 2.5 and a bioconcentration factor of 27, is unlikely to accumulate in the environment.

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

ADG

UN Number:	None allocated
Proper shipping name:	None allocated
Class:	None allocated
Packaging group:	None allocated
Hazchem:	None allocated
Storage and Transport:	Not a dangerous good.

IMO-IMDG

UN Number:	None allocated
Proper shipping name:	None allocated
Class:	None allocated
Packaging group:	None allocated
Marine pollutant:	None allocated

SECTION 15 – REGULATORY INFORMATION

SUSMP Classification S6
Packaging & Labelling POISON
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 0428 776 327
Ask for Russell Clark