

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name:	Kenso Agcare Kenstrike Herbicide
Product Type:	Group 2 Herbicide
Company Name:	Kenso Corporation (M) Sdn Bhd
Address:	Level 1, 98 Commercial Road, Teneriffe QLD 4005
Telephone Number:	(07) 3216 1188
Emergency Telephone Number:	000 (Police or Fire Brigade) 13 11 26 (Poisons Information Centre)
Use:	For the post-emergence and salvage control of certain broadleaf weeds in winter cereals (including those undersown with clover, lucerne or medics); clover, fenugreek, lathyrus, lucerne, medic, serradella, and vetch (Popany only) seed crops and pastures; chickpeas, field peas, lentils, maize, peanuts; and for the pre-emergence control of certain broadleaf weeds in maize and soybeans as specified in the Directions 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.
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Classification of the Hazardous Chemical:	Hazardous to the aquatic environment, long term – Chronic 1
GHS Signal Word:	WARNING
Hazard statements:	H410: Very toxic to aquatic life with long lasting effects.
Prevention:	P273: Avoid release to the environment.
Response:	P391: Collect spillage.
Disposal:	P501: Dispose of contents/container as specified on the registered label
SUSMP Classification:	None allocated
ADG Classification:	Not a dangerous good
UN Number:	None allocated

Emergency Overview

Physical Description & colour: Brown granule
Odour: Characteristic

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS number	Proportion
Flumetsulam	98967-40-9	80%
Inert ingredients	secret	to 100%

SECTION 4 – FIRST AID MEASURES

Inhalation:	Remove to fresh air until recovered. See a doctor if discomfort or irritation continues.
Skin contact:	Gently wash skin with plenty of soap and water. Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water with 5 minutes or until chemical is removed.
Eye contact:	Flush eyes immediately with plenty of fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. However, if irritation persists, see a doctor.
Ingestion:	If swallowed, do not induce vomiting; rinse mouth with water and give water to drink, seek medical advice.

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazards

Dangerous decomposition or Combustion Products

Thermal decomposition

There is no risk of an explosion from this product under normal circumstances.

Extinguishing Media

Preferred extinguishing media are carbon dioxide, dry chemical, foam, water fog.

Fire Fighting

When fighting fires involving significant quantities of this product, wear a splash suit complete with self-contained breathing apparatus. Do not scatter spilled material with high pressure water jets.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills and Disposal

In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including eye/face protection.

Product spill: Sweep granules and shovel or collect recoverable product into labeled containers for recycling or salvage, and dispose of promptly.

Wash the spill area with detergent and water. Launder protective clothing before storage or re-use.

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 Limits

Exposure limits have not been established for any of the significant ingredients in this product.

Engineering Control

Handle in well ventilated areas, generally natural ventilation is adequate. If natural ventilation is inadequate, use of a fan is suggested.

Protective Equipment

Avoid contact with skin or clothing. Skin contact should be minimized by wearing protective clothing including elbow-length PVC gloves and face shield. If product contacts skin, immediately wash area with soap and water. After each use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. Wash gloves, face shield and contaminated clothing before reuse.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form:	Granule
Colour:	Tan to brown granules
Odour:	Characteristic
pH:	5-7
Vapour Pressure:	No Data
Vapour Density:	No Data
Boiling Point/range:	No Data
Melting/Freezing point:	No specific data
Solubility:	Dispersible

SECTION 10 – STABILITY AND REACTIVITY

Chemical stability

This product is unlikely to react or decompose under normal storage conditions.

Conditions to avoid

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

Materials to avoid

Strong oxidising agents.

Hazardous reactions

Not known. Does not polymerise.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity – Oral

LD₅₀ (rats) >5000 mg/kg

Acute Toxicity – Percutaneous

LD₅₀ (rabbits) >2000 mg/kg

Acute Toxicity – Inhalation

LC₅₀ (rats) (4hr) >1.2 mg/l

SECTION 12 – ECOLOGICAL INFORMATION

This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.

Ecotoxicity – Other organisms

Birds: LD₅₀ bobwhite quail: >2250mg/kg

Mallard ducks: LD₅₀: >5620 mg/l

Fish: LC₅₀ (96h) silverside minnows: > 379mg/L

Bees: LC₅₀ >100µg/bee

Worms: LC₅₀ (14d) >950mg/kg soil

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: 3077

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contain FLUMETSULAM)

Class: Class 9

Packaging group: III

Hazchem: 2Z

Storage and Transport: 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.

IMO-IMDG

UN Number: 3077

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contain FLUMETSULAM)

Class: Class 9

Packaging group: III
 Marine pollutant: Yes

SECTION 15 – REGULATORY INFORMATION

SUSMP Classification None allocated
 Packaging & Labelling 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	1800 951 288 03 9573 3188