

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name: Kenso Agcare Amazon Herbicide
Product Type: Group 4 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 control of range of environmental and noxious woody and herbaceous weeds 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.



Classification of the Hazardous Chemical: Flammable liquids – Category 4
Acute toxicity (Oral) – Category 4
Skin sensitization – Category 1
Serious eye damage/eye irritation – Category 2/2A
Specific target organ toxicity (Repeated exposure) – Category 2
Hazardous to the aquatic environment, long term – Chronic 1

GHS Signal Word: **WARNING**

Hazard statements: H227: Combustible liquid.
H302: Harmful if swallowed.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H373: May cause damage to organs through prolonged or repeated exposure.
H410: Very toxic to aquatic life with long lasting effects.

Prevention: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash contacted areas thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/ face protection.

Response: P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor/

physician if you feel unwell.
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P314: Get medical advice/attention if you feel unwell.
 P321: Specific treatment (see FIRST AID on this label)
 P330: Rinse mouth.
 P332+P313: If skin irritation occurs: Get medical advice/attention.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P362+P364: Take off contaminated clothing and wash it before reuse.
 P370+P378: In case of fire: Use carbon dioxide, dry chemical, foam and water fog to extinguish.
 P391: Collect spillage.
 P403: Store in a well-ventilated place.
 P501: Dispose of contents/container as specified on the registered label

Storage:
Disposal:
SUSMP Classification:
ADG Classification:
UN Number:

S6
 N/A
 N/A

Emergency Overview

Physical Description & colour: Dark brown liquid
Odour: Characteristic

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS number	Proportion
Triclopyr (as butoxyethyl ester)	64700-56-7	30%
Picloram (as hexyloxypropylamine salt)	1918-02-1	10%
Aminopyralid (as hexyloxypropylamine salt)	150114-71-9	0.8%
Other non-hazardous ingredients	secret	to 100%

SECTION 4 – FIRST AID MEASURES

Inhalation:	Keep calm and remove affected persons into fresh air and keep warm and at rest. If irritation occurs get medical attention.
Skin contact:	Remove contaminated clothing, safety shoes, socks, wash affected areas thoroughly with plenty of clean water and soap. Seek medical attention.
Eye contact:	Immediately flush with plenty of clean water for 15 minutes with eyelids open. Remove contact lenses if present. Get medical attention.
Ingestion:	If swallowed, do not induce vomiting; seek medical advice immediately

Advice to Doctor

No specific antidote known. Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazards

Combustible. May produce irritating vapours under fire conditions.

Extinguishing Media

Extinguish fire using resistant foam, dry chemical, carbon dioxide or foam/water fog. Try to contain spills and minimise spillage entering drains or water courses.

Precautions for fire fighters

Fire fighters must use self-contained breathing apparatus. Evacuate the area and fight fire from a safe distance. There is little danger of violent reaction or explosion if significant quantities of this product are involved in a fire.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills and Disposal

Ensure suitable personal protection (including respiratory protection) during removal of spillage. Contain the spill to prevent any further contamination of soil or atmosphere. Stop the source of the spill immediately, if safe to do so. Collect as much of the spill as possible with a suitable absorbent material and place into suitable container for disposal. Decontaminate spill area with detergent and water.

Spills in water: In the event of a major spill, prevent spillage from entering drains or sanitary sewer system. If product contaminates rivers and lakes or drains inform respective authorities.

SECTION 7 – HANDLING AND STORAGE

Handling

It is recommended to avoid physical contact with the product and to have adequate ventilation. Avoid spillage into the eyes, or contact with bare skin or clothing. Avoid dust formation. Wash hands, feet, face thoroughly after handling. Remove contaminated clothing immediately. When opening, point the container away from the face and body. These precautions will also reduce the risk of exposure.

Storage

The product is stable under normal conditions of storage. Keep container lids tightly closed, in a dry, well-ventilated area away from direct sunlight. Do not store near food, foodstuffs, drugs or potable water supplies. Keep away from oxidising agents, acids and bases.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:

Exposure limits have not been established by SWA.

Engineering Controls:

Use in a well-ventilated area only. Provide local exhaust or process enclosure ventilation system.

Personal Protection:

Eyes: Eye protection such as protective glasses or goggles is recommended when this product is being used. It is recommended to have an eye wash fountain available in the work area.

Clothing: Wear appropriate protective clothing to prevent direct skin contact

Gloves: Wear elbow-length gloves.

Respiratory: Use respiratory protection unless adequate local exhaust ventilation is provided.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Dark brown
Odour:	Characteristic
Melting point (°C):	Not available
Vapour pressure:	Not available
Specific gravity:	1.150 @ 20°C
pH:	6.0 - 8.0 (1% solution)
Auto ignition temperature:	Not available
Flammability limits:	Combustible
Solubility in water:	Emulsify in water

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability

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

Conditions to Avoid

Avoid dust formation. Store in closed original container in a dry, cool, well-ventilated area out of direct sunlight, heat, flames and sparks.

Incompatibilities

No incompatibilities reasonably foreseeable

Hazardous Decomposition

No hazardous decomposition products if stored and handled as indicated.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity - Oral

LD₅₀ (rat) >2000 mg/kg

Acute Toxicity - Dermal

LD₅₀ (rat) >2000 mg/kg

Acute Toxicity - Inhalation

LC₅₀ has not been determined

Potential Health Effects

Health Effects

- Inhalation:** It is not expected to be harmful through inhalation and unlikely to cause any discomfort or irritation.
- Skin contact:** It should present no hazards and unlikely to cause any discomfort in normal use. However, it may be irritating with mild transient discomfort.
- Eye contact:** It may be irritating to eyes with mild discomfort.
- Ingestion:** Significant oral exposure is considered to be unlikely.

Other information

The Australian ADI for triclopyr is set at 0.005 mg/kg/day with corresponding NOAEL is set at 0.5 mg/kg/day. Picloram with 0.07 mg/kg/day for ADI with NOAEL as 7 mg/kg/day. Aminopyralid is set at ADI 0.3 mg/kg/day and corresponding NOAEL at 26 mg/kg/day. *ADI= *Acceptable Daily Intake*; NOAEL= *no observed adverse effect level*. Data adopted from Australia ADI List, December 2025.

SECTION 12 – ECOLOGICAL INFORMATION

This product is toxic to aquatic life with long lasting effects.

Ecotoxicity data

The following data is for triclopyr component

- Toxicity to Fish** LC₅₀ (96hr) (Bluegill sunfish): 0.36 mg/l
 LC₅₀ (96hr) (Fish): 0.310 mg/l
- Toxicity to aquatic invertebrates** EC₅₀, (48hr) (Daphnia magna): 2.9 mg/l
- Toxicity to algae/aquatic plants** ErC₅₀, (96hr) (Pseudokirchneriella subcapitata), Growth rate inhibition: > 3.0 mg/l
 ErC₅₀, (14d) (Myriophyllum spicatum): 0.0473 mg/l
 NOEC (14d) (Myriophyllum spicatum): 0.00722 mg/l

The following data is for picloram component

- Toxicity to Fish** LC₅₀ (96hr) (Rainbow trout): 8.8 mg/l
- Toxicity to aquatic invertebrates** EC₅₀, (48hr) (Daphnia magna): 44.2 mg/l
- Toxicity to algae/aquatic plants** ErC₅₀, (96hr) (Pseudokirchneriella subcapitata), Growth rate inhibition: > 78.7 mg/l
 ErC₅₀, (14d) (Myriophyllum spicatum): 0.558 mg/l
 NOEC (14d) (Myriophyllum spicatum): 0.0095 mg/l

The following data is for aminopyralid component

- Toxicity to Fish** LC₅₀ (96hr) (Rainbow trout): >100 mg/l
- Toxicity to aquatic invertebrates** EC₅₀, (48hr) (Daphnia magna): > 100 mg/l
 EC₅₀, (96hr) (Crassostrea virginica): > 89 mg/l
- Toxicity to algae/aquatic plants** ErC₅₀, (14d) (Myriophyllum spicatum): 0.363 mg/l
 NOEC (14d) (Myriophyllum spicatum): 0.0639 mg/l

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: 3082
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (contains TRICLOPYR, PICLORAM and AMINOPYRALID)
Class: 9
Packaging group: III
Hazchem code: •3Z
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. SP No. AU01.

IMO-IMDG

UN Number: 3082
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (contains TRICLOPYR, PICLORAM and AMINOPYRALID)
Class: 9
Packaging group: III
Marine pollutant: Yes

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:

National Poisons Information Centre:

For 24 hour emergency response:

Dial

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Dial

13 11 26 (from anywhere in Australia)

Dial

1800 951 288

03 9573 3188