

MATERIAL SAFETY DATA SHEET

Statement of Hazardous Nature:

Non-hazardous according to criteria of Worksafe Australia

Company: Kenso Corporation (M) Sdn Bhd
Address: H / 177 Old Cleveland Road, Coorparoo
Queensland 4151
Telephone Number: (07) 3847 4288
Facsimile Number: (07) 3847 4188
Emergency Telephone Number: 000 (Police or Fire Brigade)
131126 (Poisons Information Centre)

IDENTIFICATION

Product Name: Kenso Agcare Ken-Up 450 CT
Non-Selective, Translocated Herbicide
Other Names: None
Manufacture's Product Code: None
UN Number: None allocated
Dangerous Goods Class: None allocated
Subsidiary Risk: None allocated
Hazchem Code: None allocated
Poisons Schedule Number: S5

Use:

For the control of many annual, perennial and broadleaf weeds prior to crop establishment and as an aid to pasture management through manipulation and seed set control.

Physical Description/Properties

Appearance: Clear, viscous, blue solution with slight ammoniacal odour
Boiling Point: not available
Vapour Pressure: not available
Specific Gravity: 1.20 ± 0.01
Flashpoint: Non flammable
Flammability Limits: Non flammable
Solubility in Water: Completely soluble

Ingredients

Chemical Name	CAS No	Proportion
Glyphosate isopropylamine salt	38641-94-0	61 % w/v
Surfactant	61791-26-2	10-20% w/v
Inert ingredient		to 100% w/v

HEALTH HAZARD INFORMATION

Health Effects No LD₅₀ information is available for this product.

Acute:

Swallowed: May cause gastrointestinal discomfort, nausea, vomiting and diarrhea. If ingested large quantities of the undiluted product may result in hypotension and pulmonary oedema.

Eye: Cause irritation and conjunctivitis

Skin: Cause irritation

Inhaled: No adverse respiratory effects are anticipated.

Chronic:

Not available.

First Aid

Swallowed	Rinse mouth with water. Give plenty of water to drink. Do NOT induce vomiting. Seek medical assistance.
Eye	Hold the eyes and flush immediately with plenty of water. Seek medical advice if irritation develops.
Skin	Remove contaminated clothing and wash affected areas or skin with soap and water. Seek medical advice if irritation develops.
Inhaled	Remove to fresh air, keep warm and at rest. Give artificial respiration or oxygen if breathing is shallow or stopped. Get medical attention immediately.

First Aid Facilities:

Advice to Doctor:

Treatment is symptomatic.

PRECAUTIONS FOR USE

Exposure Standards:

None established for formulated product or its components

Engineering Controls:

Well ventilated

Personal Protection:

Avoid contact with eyes and skin. Do not inhale spray mist. When preparing spray solution, wear PVC/rubber apron or cotton overalls buttoned to the neck and wrist, elbow-length PVC gloves and goggles or face-shield. After use and before eating, drinking and smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face and contaminated clothing.

Flammability

non-flammable

SAFE HANDLING INFORMATION

Storage

Store in the closed, original container in a well-ventilated area. Do not store for prolonged periods in direct sunlight.

Transport

Considered non-hazardous by Australian Code for the Transport of Dangerous Goods by Road and Rail.

Spills and Disposal

Ensure suitable personal protection (including respiratory protection) during removal of spillage. Contain spill and absorb with sand or other absorbent material. Do not allow to enter drains, sewers and watercourses. Collect in sealed open top container for disposal. Triple rinse containers, add rinsings to spray tanks and send containers for recycling or if not recycling, break, crush or puncture and bury empty containers in a local authority landfill or in accordance with local, state or federal regulation. Do not dispose of undiluted chemicals on site.

Fire/Explosion Hazard

Dangerous decomposition or Combustion Products

Thermal decomposition

Not a fire or explosion hazard

Hazardous decomposition products

None known

Hazardous reactions

DO NOT mix, store or apply the product or spray solutions of the product in galvanised steel or unlined steel (except stainless steel) containers or spray tanks. The product or spray solutions of the product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture that can flash or explode if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source. Spray solutions of the product should be mixed, stored and applied only in stainless steel, aluminium, fibreglass, plastic and plastic-lined steel containers.

Extinguishing Media

Extinguish fire with foam, dry powder, carbon dioxide or water spray.

OTHER INFORMATION:

Toxicity Data:

Glyphosate isopropylamine salt technical
Acute oral LD₅₀ for rats: 5600 mg/kg
Acute dermal LD₅₀ for rabbits: > 5000 mg/Kg for
LC₅₀ (96 hr) for rainbow trout: 8.2 – 26 mg/L
LC₅₀ (96 hr) for bluegill sunfish: 5.8 – 14 mg/L
LD₅₀ for bees: > 0.1 mg/kg

CONTACT POINT:

Police and Fire Brigade:

Dial 000

National Poisons Information Centre:

Dial 13 1126 (from anywhere in Australia)

For 24 hour emergency response:

Dial 0439 933 556

Ask for Murray Goodlich