

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name: Haloxyken 520 Herbicide
Company Name: Kenso Corporation (M) Sdn Bhd
Address: 2 Bond Crescent, Forrest Hill,
Auckland 0620 New Zealand
Telephone Number: (09) 410 0861
Hazardous Substances
Emergency Telephone Number: 0800 CHEMCALL (0800 243 622)
National Poison Information Centre: 0800 POISON (0800 764 766)
Use: A selective post emergence herbicide for the control of grass weeds and storksbill in many broadleaf crops, orchards and forestry.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard classification: 3.1D, 6.1D, 6.3B, 6.4A, 6.9B, 9.1A, 9.3B
Priority Identifier: WARNING – COMBUSTIBLE LIQUID
HARMFUL
ECOTOXIC
KEEP OUT OF REACH OF CHILDREN
Secondary Identifiers: 3.1D = Flammable liquid
6.1D = Harmful if swallowed
6.3B = Irritating to skin
6.4A = Irritating to eyes
6.9B = Danger of serious damage to health by prolonged exposure
9.1A = Very toxic to aquatic organisms
9.3B = Toxic to terrestrial vertebrates

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS number	Proportion
Haloxyfop R-methyl	72619-32-0	52% w/v
Inert ingredient	secret	To 100% w/v

SECTION 4 – FIRST AID MEASURES

Swallowed	If swallowed, DO NOT induce vomiting. Seek medical advice or contact Poisons Information Centre 0800 764 766
Eye	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open.
Skin	Remove contaminated clothing. Wash affected areas or skin thoroughly with soap and water. Seek medical advice if irritation develops. Thoroughly decontaminate and launder clothing before reuse.
Inhaled	Remove to fresh air until recovered. If symptoms persist, seek medical advice.

Advice to Doctor
Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards

May produce noxious fumes that may contain toxic or irritating substances including hydrogen chloride and hydrogen fluoride.

Dangerous decomposition or Combustion Products

Oxides of carbon and nitrogen. Hydrogen chloride and hydrogen fluoride may be evolved in extreme situations.

Incompatibilities

Strong oxidizers..

Hazardous decomposition products

Oxides of carbon and nitrogen.

Hazardous reactions

None known

Extinguishing Media

Carbon dioxide, dry chemical, water fog.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Wear a face shield or goggles, chemical resistant coveralls buttoned to neck and wrist, chemical resistant gloves and boots and respiratory protection to at least organ vapour standard. Stop leak when safe to do so. Adsorb with material such as sand, soil or other inorganic absorbent material.. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal.

SECTION 7 – HANDLING AND STORAGE

Storage

Store in tightly closed original container in a cool, dry well- ventilated area out of direct sunlight when not in use. Do not store with food, feedstuffs, fertilizers and seeds.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls

Handle in well ventilated areas, generally natural ventilation is adequate.

Personal Protective Equipment

When opening the container, preparing spray and using the prepared spray wear chemical resistant coveralls buttoned to the neck and wrist and elbow-length nitrile gloves and goggles.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Colour: Brown

Odour:	Characteristic odour
Boiling point (°C):	About 202 °C (solvent)
Vapour Pressure:	14 mm Hg (solvent)
Specific Density:	1.14 ± 0.01
Flashpoint:	69.5 °C
Solubility in Water:	emulsifiable

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions.

Hazardous Reactions

Keep away from strong oxidising agents.

Hazardous Polymerization

Hazardous polymerisation is not possible.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity Data:

Acute oral LD₅₀ for rats: > 300 mg/kg for active constituent

Effects on Aquatic Organisms:

Moderately concentrating in aquatic organisms.

SECTION 12 – ECOLOGICAL INFORMATION

Known Harmful Effects on the Environment

Degraded in soil to parent acid within 24 hours which is then microbially degraded. In water, experimental results indicate DT₅₀ at pH 7 = 48 days.

Acute Toxicity - Fish

Low to moderately toxic to fish depending on species (96 hr LC₅₀ for rainbow trout = 0.7 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

UN Number (Sea Transport): 3082

IMO Proper Shipping: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains HALOXYFOP), Class 9, Packaging Group III

SECTION 15 – REGULATORY INFORMATION

HSNO Approval Number: HSR100054

HSNO Controls (inc. Tracking and Record Keeping). See <http://www.epa.govt.nz> for controls.

ACVM Registration: P8925

ACVM Controls: See www.footsafety.govt.nz for registration conditions.

SECTION 16 – OTHER INFORMATION

This SDS contains only safety-related information. For other data see product literature.

CONTACT POINT:

Police and Fire Service:

Dial 111

National Poisons Information Centre:

Dial 0800 POISON (0800 764 766)

Hazardous Substances

Emergency Telephone Number:

Dial 0800 CHEMCALL (0800 243 622)