

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name: Metribuzin 750 WG Herbicide
Company Name: Kenso Corporation (M) Sdn Bhd
Address: 2 Bond Crescent, Forrest Hill,
Auckland 0620 New Zealand
(09) 410 0861

Telephone Number:
Hazardous Substances
Emergency Telephone Number: 0800 CHEMCALL (0800 243 622)
National Poison Information Centre: 0800 POISON (0800 764 766)
Use: For the selective pre- and post-emergence weed control in asparagus, carrots, lentils, Lucerne, maize, peas, potatoes and tomatoes.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard classification: 6.1D, 6.3B, 6.4A, 6.9B, 9.1A, 9.2A, 9.3B
Priority Identifier: HARMFUL
KEEP OUT OF REACH OF CHILDREN

Secondary Identifiers: 6.1D = May be harmful if swallowed, inhaled or absorbed through the skin.
6.3B = Harmful – may cause skin irritation.
6.4A = Cause eye irritation
6.9B = Danger of serious damage to health by prolonged exposure
9.1A = Very toxic to aquatic organisms
9.2A = Very toxic in the soil
9.3B = Toxic to terrestrial invertebrates

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS number	Proportion
Metribuzin	21087-64-9	750 g/kg
Dispersing/wetting agent		medium content
Water		Up to 1 kg

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/Explosion Hazard

Dangerous decomposition or Combustion Products

Thermal decomposition

None

Hazardous decomposition products

Carbon dioxide, carbon monoxide, nitrogen oxides, water.

Hazardous reactions

Avoid oxidising agents. Strong acids or alkalies will slowly decompose Metribuzin..

Extinguishing Media

Use water spray, foam, dry chemical or carbon dioxide.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills

- (1) Keep all bystanders away.
- (2) Wear goggles, half face-piece respirator with combined dust and vapour cartridge, full length chemical resistant clothing and gloves.
- (3) Shovel the absorbed spill into drums.
- (4) Decontaminate the spill area with detergent and water and rinse with the smallest volume of water practicable.

Disposal:

Disposal of the absorbed material will depend upon the extent of the spill. Contaminated material must be disposed of in accordance with all local authority requirements. It is suggested:

For quantities up to 50 litres of product bury in a secure approved landfill site.

For quantities greater than 50 litres seek advice from the manufacturer (use emergency contact number below) before attempting disposal. Contain in a secure location until disposal method is established.

Personal Protection:

For appropriate personal protective equipment (PPE), refer to Section 8.

Environmental Precautions:

Washings must be prevented from entering surface water drains or waterways.

SECTION 7 – HANDLING AND STORAGE

Store in the original container, tightly closed, away from food, seeds, fertilisers and human and/or animal remedies. Keep in a secured facility and out of reach of children. After handling, remove protective clothing and equipment, wash hands before eating, drinking, chewing gum, smoking or using toilet. See product label for further handling and storage precautions.

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., elbow-length chemical resistant gloves and goggles and respiratory protection up to at least organic vapour specification.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form:	Water dispersible granules
Colour:	Off-white to beige
Odour:	distinctive thiol odour
Boiling point (°C):	Not applicable
Vapour Pressure:	Not applicable
Specific Density:	Not applicable
Flashpoint:	Not applicable
Flammability Limits:	Non flammable
Solubility in Water:	Disperses in water

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:

For metribuzin (active)
Acute oral LD₅₀ for rats > 2000 mg/kg
Acute percutaneous LD₅₀ for rats > 20 000 mg/kg

SECTION 12 – ECOLOGICAL INFORMATION

Acute Toxicity – Fish

The following is data for the active ingredient, s-metolachlor.
Not toxic to fish. LC₅₀ (96 hr) for rainbow trout is 1.23 mg/l.

Acute Toxicity – Daphnia

LC₅₀ (48hr) for daphnia is 11.24-26.00 mg/l.

Acute Toxicity – Algae

E_pC₅₀ (120h) for Skeletonema costatum is 0.11 mg/l.

Acute Toxicity – Other Organisms

Birds: Not toxic to birds. Acute oral LD₅₀ for mallard duck and bobwhite quail is >2510 mg/kg

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): 3077

IMO Proper Shipping: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS METRIBUZIN 75%), Class 9, Packaging group III

SECTION 15 – REGULATORY INFORMATION

HSNO Approval Number: HSR100956

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

ACVM Registration: P9035

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)