

## SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

<b>Product Name</b>	<b>Kentron 700 WG Herbicide</b>
<b>Company Name</b>	Kenso Corporation (M) Sdn Bhd
<b>Address</b>	2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand
<b>Telephone</b>	(09) 410 0861
<b>Emergency Telephone</b>	<b>0800 CHEMCALL (0800 243 622) (24 hours)</b>
<b>National Poisons Centre</b>	<b>0800 POISON (0800 764 766) (24 hours)</b>
<b>Use</b>	For post emergence use in Red beet, Fodder beet, Sugar beet and Mangolds

## SECTION 2 – HAZARDS IDENTIFICATION

<b>Hazard Pictograms</b>	
<b>Hazard Classification</b>	<b>6.1B, 9.1A, 9.2A, 9.3C</b>
<b>Priority Identifier</b>	<b>DANGER</b> <b>ECOTOXIC</b> <b>KEEP OUT OF REACH OF CHILDREN</b>
<b>Secondary Identifier</b>	6.1B = Harmful if swallowed, inhaled or absorbed through the skin 9.1A = Very toxic to aquatic organisms 9.2A = Very toxic to the soil environment. 9.3C = Harmful to terrestrial vertebrates

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>CAS No</b>	<b>Proportion</b>
Metamitron	41394-05-2	70% w/w
Inert ingredients	secret	To 100% w/w

## SECTION 4 – FIRST AID MEASURES

<b>Ingestion</b>	Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre (0800 764 766). Seek medical assistance immediately.
<b>Eye</b>	Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Seek medical assistance.
<b>Skin</b>	Immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash affected areas with soap and water. If a large area is affected seek medical assistance.
<b>Inhalation</b>	Remove patient to fresh air. Lay down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.
<b>Advice to Doctor</b>	Treat symptomatically.

## SECTION 5 – FIRE FIGHTING MEASURES

<b>Fire/Explosion Hazard</b>	Non flammable.
<b>HAZCHEM Code</b>	2X
<b>IER Guide No</b>	47
<b>Extinguishing Media</b>	Dry Chemical, water spray, carbon dioxide
<b>Fire Fighting Instructions</b>	During a fire, toxic fumes may be emitted. Wear self-contained breathing apparatus. Contain runoff.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	For appropriate personal protective equipment (PPE), refer to section 8.
<b>Spillage</b>	Wear suitable chemical resistant clothing including face shield, respiratory protection (organic vapour minimum) gantlet gloves and boots. Prevent the product or spilled material from entering drains or water bodies. Contain and sweep spills or if spillage is a liquid absorb spills with inert material such as zeolite clay or sand and place in waste containers. Wash area with water and

## Environmental Precautions

absorb with further inert material. Dispose of through a designated hazardous substances disposal facility or contact the local regional/district council for disposal information.  
Washings must be prevented from entering surface water drains or waterways.

## SECTION 7 – HANDLING AND STORAGE

### Storage

Keep out of reach of children. Store in original container, tightly closed, away from foodstuffs, medicines, animal remedies, seeds and fertilisers. Store in a cool, dry, well ventilated place and protect from sunlight.

### Handling

Avoid contact with skin and eyes and inhalation of concentrate or spray mist. When using, do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking.

### Approved Handler

Approved Handler and Tracking required –all stages.

### Tracking

### Record Keeping

Records of use required

### Additional Requirements

All aspects of storage, handling, use, disposal and record keeping must be in accordance with NZS 8409:2004 'Management of Agrichemicals', and relevant local and regional council plans.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Engineering Controls

No special requirements. Product is used outdoors. Containment and/or segregation is the most reliable technical protection measure. The extent of these protection measures depends on the actual risks in use. If airborne mists or vapours are generated, use local exhaust ventilation controls or adequate respiratory protection (organic vapour minimum). Assess exposure and use any additional measures to keep airborne levels below any relevant exposure limit. Follow precaution statements on the label and the use and safety directions in Code of Practice for the Management of Agrichemicals NZS8409.

### Personal Protection

Use only protective equipment bearing the mark of the Standards Association of Australia/ New Zealand. In case of significant exposure, wear full respiratory protection (at least to organic vapour standard) eye protection, chemical resistant coveralls and gloves.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

### Form

Granules

### Colour

Brown colour

### Odour

Non specific

### pH

6-9

### Flash point (°C)

NA

### Flammability Limits

Non flammable

### Miscibility

Miscible

### Oxidising properties

Not oxidising

### Explosive properties

Not explosive

## SECTION 10 – STABILITY AND REACTIVITY

### Stability

Stable under normal conditions

### Incompatibility

None known

### Decomposition

Combustion or thermal decomposition will evolve toxic and irritant vapours.

### Dangerous Reactions

Products arising from combustion or thermal decomposition may be toxic, corrosive or flammable.

## SECTION 11 – TOXICOLOGICAL INFORMATION

This section describes effects which could occur if this product is not handled in accordance with this data sheet.

### Ingestion

Not known – no cases of human poisoning known

### Eye

Not irritant

### Skin

Not irritant

### Inhalation

Not known – no cases of human poisoning known

<b>Acute Toxicity (Active Ingredient)</b>	Acute Oral LD <sub>50</sub> (rats) : 2950 mg/kg Acute Dermal LD <sub>50</sub> (rats) : >5000 mg/kg Acute Inhalation LC <sub>50</sub> (rats) (4hr) : >1.418 mg/l
<b>Sensitisation Effects</b>	Not a sensitizer
<b>Mutagenic Effects</b>	None
<b>Carcinogenic Effects</b>	NOEL (rat) = 250mg/kg/day (2 years); NOEL (mice) =56mg/kg/day (2 years)
<b>Reproductive Effects</b>	None
<b>Teratogenic (Birth) Effects</b>	None
<b>Systemic Effects</b>	None

## SECTION 12 – ECOTOXICITY INFORMATION

This section describes effects which could occur if this material is not handled in accordance with this data sheet.

The following information is presented in respect of the active ingredient:

<b>Ecotoxic Effects</b>	<p><b>Acute toxicity to Birds</b> LD<sub>50</sub> (Japanese quail) = 1534 mg/kg</p> <p><b>Acute toxicity to Fish</b> LC<sub>50</sub> (96 h) (golfer orfe) = 443 mg/L LC<sub>50</sub> (96 h) (rainbow trout) = 326 mg/L LC<sub>50</sub> (96 h) (carp) = 194 mg/L</p> <p><b>Growth Inhibition, Algae</b> EC<sub>50</sub> (72 h) (green alga) = 1.8 mg/L</p> <p><b>Toxicity to aquatic Invertebrates</b> LC<sub>50</sub> (48 h) (daphnia magna) = 101.7 mg/L</p> <p><b>Toxicity to honey bees</b> LD<sub>50</sub> (14 days) &gt; 100 ug/bee</p>
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## SECTION 13 – DISPOSAL CONSIDERATIONS

<b>Product</b>	Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.
<b>Container</b>	Ensure the container is empty. Recycle the packaging otherwise crush and bury in a suitable landfill. DO NOT reuse this container for any other purpose.

## SECTION 14 – TRANSPORT INFORMATION

<b>Dangerous Goods</b>	
<b>UN Number</b>	3077
<b>Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains metamitron)
<b>Class</b>	9
<b>Subsidiary Class</b>	None
<b>Packaging Group</b>	III
<b>Additional Information</b>	MARINE POLLUTANT
<b>MTQ (Non-Commercial)</b>	250 kg

## SECTION 15 – REGULATORY INFORMATION

<b>HSNO Approval No</b>	HSR000535
<b>ACVM Approval No</b>	P9347

## SECTION 16 – OTHER INFORMATION

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

<b>Contact Points</b>	
Police, Ambulance and Fire Service	111
National Poisons Information Centre	0800 POISON (0800 764 766)
Hazardous Substances Emergency	0800 Chemcall (0800 243 622)