


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

<b>Product Name</b>	<b>Kentron 700 SC 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>	0800 536 766
<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>	A pre and post emergence herbicide for use in Red beet, Fodder beet, Sugar beet and Mangolds

## SECTION 2 – HAZARDS IDENTIFICATION

<b>Hazard Pictograms</b>	
<b>GHS Signal Word</b>	<b>HARMFUL ECOTOXIC</b>
<b>Hazard Statement</b>	<p>H302: Harmful if swallowed.          H312: Harmful in contact with skin.          H332: Harmful if inhaled.          H400: Very toxic to aquatic life.          H410: Very toxic to aquatic life with long lasting effects.</p>
<b>Prevention</b>	<p>P102: Keep out of reach of children.          P103: Read label before use.          P261: Avoid breathing dust/fume/gas/mist/ vapours/spray.          P264: Wash contacted areas thoroughly after handling.          P270: Do not eat, drink or smoke when using this product.          P271: Use only outdoors or in a well-ventilated area.          P273: Avoid release to the environment.          P280: Wear protective gloves/protective clothing/eye protection/face protection.</p>
<b>Response</b>	<p>P101: If medical advice is needed, have product container or label at hand.          P301 + P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.          P302 + P352: IF ON SKIN: Wash with plenty of soap and water.          P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.          P312: Call a POISON CENTER or doctor/physician if you feel unwell.          P322: Specific measures (see FIRST AID on this label).          P330 – Rinse mouth.          P363: Wash contaminated clothing before reuse.          P391: Collect spillage.</p>
<b>Disposal</b>	P501: Dispose of contents/containers as specified on the registered label.

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

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

## 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.

<b>Inhalation</b>	If a large area is affected seek medical assistance. 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.

<b>SECTION 5 – FIRE FIGHTING MEASURES</b>	
<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.

<b>SECTION 6 – ACCIDENTAL RELEASE MEASURES</b>	
<b>Personal Precautions</b>	For appropriate personal protective equipment (PPE), refer to section 8.
<b>Spillage</b>	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 absorb with further inert material. Dispose of through a designated hazardous substances disposal facility or contact the local regional/district council for disposal information.
<b>Environmental Precautions</b>	Washings must be prevented from entering surface water drains or waterways.

<b>SECTION 7 – HANDLING AND STORAGE</b>	
<b>Storage</b>	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.
<b>Handling</b>	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.
<b>Record Keeping</b>	Records of use required. Tracking not required.
<b>Additional Requirements</b>	All aspects of storage, handling, use, disposal and record keeping must be in accordance with NZS 8409:2021 'Management of Agrichemicals', and relevant local and regional council plans.

<b>SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION</b>	
<b>Engineering Controls</b>	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.
<b>Personal Protection (PPE)</b>	Use only protective equipment bearing the mark of the Standards Association of Australia/ New Zealand. In the case of any exposure wear suitable chemical resistant PPE including; coveralls gauntlet gloves, boots, face shield or eye protection and respiratory protection (organic vapour minimum).

<b>SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Form</b>	Viscous liquid
<b>Colour</b>	White
<b>Odour</b>	Non specific
<b>pH</b>	6-9
<b>Flash point (°C)</b>	NA
<b>Flammability Limits</b>	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
Acute Toxicity (Active Ingredient)	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
Sensitisation Effects	Not a sensitizer
Mutagenic Effects	None
Carcinogenic Effects	NOEL (rat) = 250mg/kg/day (2 years); NOEL (mice) =56mg/kg/day (2 years)
Reproductive Effects	None
Teratogenic (Birth) Effects	None
Systemic Effects	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:

Ecotoxic Effects	<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) (golden 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>
------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## SECTION 13 – DISPOSAL CONSIDERATIONS

Product	Dispose of this product only by using according to the label, or at an approved landfill or other approved hazardous substances waste management facility.
Container	Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise submit to an approved waste disposal/recycling facility. DO NOT reuse this container for any other purpose. DO NOT burn.

## SECTION 14 – TRANSPORT INFORMATION

Dangerous Goods	
-----------------	--

# SAFETY DATA SHEET



<b>UN Number</b>	3082
<b>Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, 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 L

## SECTION 15 – REGULATORY INFORMATION

<b>HSNO Approval No</b>	HSR101345
<b>ACVM Approval No</b>	P009620

## 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)

# ***SAFETY DATA SHEET***

---

