


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

<b>Product Name</b>	<b>Ken-Amine 625 Selective 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>Hazardous Substance</b>	
<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 broadleaf weed control in cereals and pasture.

## SECTION 2 – HAZARDS IDENTIFICATION

<b>Hazard Pictograms</b>	
<b>Hazard Classification</b>	<b>6.1C, 6.9A, 8.3A, 9.1B, 9.2A, 9.3B</b>
<b>Priority Identifier</b>	<b>TOXIC</b>
<b>Secondary Identifier</b>	<b>KEEP OUT OF REACH OF CHILDREN</b>
	6.1C = May be fatal if swallowed, inhaled or absorbed through the skin.
	6.9A = May cause eye damage from repeated oral exposure at high doses.
	8.3A = Eye corrosive
	9.1B = Toxic to aquatic organisms
	9.2A = Very toxic in the soil
	9.3B = Toxic to terrestrial vertebrates

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>CAS No</b>	<b>Proportion</b>
2,4D present as dimethylamine and diethanolamine salt	2008-39-1	62.5% w/v
Inert ingredients	secret	To 100% w/v

## SECTION 4 – FIRST AID MEASURES

<b>Ingestion</b>	If swallowed, and if more than 15 minutes from a hospital induce vomiting, preferably using Ipecac Syrup APF. Seek medical advice immediately.
<b>Eyes</b>	Hold the eyes and flush immediately with plenty of water. Seek medical advice if irritation develops.
<b>Skin</b>	Remove contaminated clothing and wash affected areas or skin with soap and water. Seek medical advice if irritation develops.
<b>Inhalation</b>	Remove to fresh air, keep warm and at rest. Give artificial respiration or oxygen if breathing is shallow or stopped. Get medical attention 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>	Extinguish fire with foam, dry powder, carbon dioxide or water spray.
<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>	Contain spill and absorb with sand or proprietary absorbent (vermiculite). Prevent from entering drains, waterways or sewers. Collect in sealed open top containers for disposal. The product is a herbicide and spills must be contained.

<b>Environmental Precautions</b>	The product is relatively toxic to fish and hence should be kept from entering water bodies. Triple rinse containers, add rinsate to the spray tank, then offer container for recycling/reconditioning, or puncture top, sides and bottom and dispose of in approved waste receive facility in accordance with local government regulations. On-site disposal of concentrate is not acceptable.
----------------------------------	---

<b>SECTION 7 – HANDLING AND STORAGE</b>	
<b>Storage</b>	Keep out of reach of children. Store in original container, tightly closed, away from animal and human foodstuffs and remedies, food packaging, seeds, fertilisers, fungicides and insecticides and other Hazardous Substances of Classes 1, 4, & 5. Store in a secure, 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>Certified Handler Tracking Record Keeping Additional Requirements</b>	No.  Not required. 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.

<b>SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION</b>	
<b>Workplace Exposure Standards</b>	2,4-D acid 8 h TWA: 10 mg/m <sup>3</sup>
<b>Engineering Controls</b>	Ensure area is well ventilated.
<b>Personal Protection</b>	Avoid contact with eyes and skin. Do not inhale spray mist. When preparing spray solution, Wear chemical resistant protective clothing including coveralls, boots, elbow-length PVC gloves and face shield and respiratory protection . If product contacts skin, immediately wash area with soap and water. After each use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. Wash protective clothing gloves, face shield before reuse.

<b>SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Form</b>	Liquid
<b>Colour</b>	Clear reddish brown
<b>Odour</b>	Ammoniacal odour
<b>pH</b>	8-10
<b>Flash point (°C)</b>	NA
<b>Flammability Limits</b>	Non flammable
<b>Density (at 20°C)</b>	1.25 ± 0.01
<b>Miscibility</b>	Completely soluble
<b>Oxidising properties</b>	Not oxidising
<b>Explosive properties</b>	Not explosive

<b>SECTION 10 – STABILITY AND REACTIVITY</b>	
<b>Stability</b>	Stable under normal conditions
<b>Incompatibility</b>	Strong acids, strong bases, strong oxidising agents..
<b>Decomposition</b>	Combustion or thermal decomposition will evolve toxic and irritant vapours.
<b>Dangerous Reactions</b>	Keep away from strong oxidising agents.

<b>SECTION 11 – TOXICOLOGICAL INFORMATION</b>	
This section describes effects which could occur if this product is not handled in accordance with this data sheet.	
<b>Acute Toxicity (Active Ingredient)</b>	Acute Oral LD <sub>50</sub> (rats) : 699 mg/kg Acute Dermal LD <sub>50</sub> (rats) : >2000 mg/kg Acute Inhalation LC <sub>50</sub> (rats) (4hr) : >1.79 mg/l Acute Oral LD <sub>50</sub> (rats) : 700 mg/kg

<b>Acute Toxicity (Dimethylamine)</b>	Acute Oral LD <sub>50</sub> (rats) : 710 mg/kg
<b>Acute Toxicity (Diethanolamine)</b>	
<b>Sensitisation Effects</b>	Not available
<b>Mutagenic Effects</b>	None
<b>Carcinogenic Effects</b>	None
<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 – Fish</b> Not toxic to fish. LC<sub>50</sub> (96 hr) for (rainbow trout) is ~100 mg/l.</p> <p><b>Acute Toxicity – Daphnia</b> LC<sub>50</sub> (48hr) for 2,4-D amines is 184 mg/l.</p> <p><b>Acute Toxicity – Other Organisms</b> Birds: Not toxic to birds. LD<sub>50</sub> for (mallard ducks) is &gt;1000 mg/kg Bees: Not toxic to bees. LD<sub>50</sub> 104.5 µg/bee.</p>
<b>Environmental Fate</b>	<p>2,4-D amine products do not appear to pose any threat to birds.</p> <p>2,4-D amine products do not appear to pose any threat to fish or other aquatic organisms other than in very high concentrations.</p>

## SECTION 13 – DISPOSAL CONSIDERATIONS

<b>Product</b>	Dispose of this product only by using according to the label, or at an approved waste disposal facility I or other approved facility.
<b>Container</b>	Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery (0800 247 326, <a href="http://www.agrecovery.co.nz">www.agrecovery.co.nz</a> ). Otherwise submit to an approved waste recieval facility. DO NOT reuse this container for any other purpose.

## SECTION 14 – TRANSPORT INFORMATION

<b>Dangerous Goods</b>	
<b>UN Number</b>	3082
<b>Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains 2,4-D 62.5%)
<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>	HSR000367
<b>ACVM Approval No</b>	P8709

## 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***

---

