


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

<b>Product Name</b>	<b>Rebuke 430 Fungicide</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 Substances Emergency</b>	<b>0800 CHEMCALL (0800 243 622) (24 hours)</b>
<b>National Poisons Centre Use</b>	<b>0800 POISON (0800 764 766) (24 hours)</b> Systemic fungicide for control of diseases in wheat, barley, oats, ryegrass seed crops, peas and onions.

## SECTION 2 – HAZARDS IDENTIFICATION

<b>Hazard Pictograms</b>	
<b>Hazard Classification</b>	<b>6.1E, 6.4A, 6.9B, 9.1A</b>
<b>Priority Identifier</b>	<b>HARMFUL</b>
<b>Secondary Identifier</b>	<b>KEEP OUT OF REACH OF CHILDREN</b> 6.1E = Acute toxicant 6.4A = Irritating to eyes 6.9B = Danger of serious damage to health by prolonged exposure 9.1A = Very toxic to aquatic organisms

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>CAS No</b>	<b>Proportion</b>
Tebuconazole	107534-96-3	43% w/v
Other inert ingredients	secret	To 100% w/v

## SECTION 4 – FIRST AID MEASURES

<b>Ingestion</b>	If swallowed, do not induce vomiting, seek medical advice immediately.
<b>Eye</b>	Flush eyes immediately with plenty of fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. However, if irritation persists, see a doctor.
<b>Skin</b>	Remove contaminated clothing, wash skin with plenty of soap and water. See a doctor if any signs or symptoms described in this document occur. Discard contaminated non-waterproof clothing and footwear. Wash contaminated clothing before re-wearing.
<b>Inhalation</b>	Remove to fresh air until recovered. See a doctor if discomfort or irritation continues.
<b>Advice to Doctor</b>	Treatment of symptoms.

## SECTION 5 – FIRE FIGHTING MEASURES

<b>Fire/Explosion Hazard</b>	Not a fire or explosion hazard
<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>	Evacuate personnel to a safe area. Always wear positive-pressure self-contained breathing apparatus and full protective clothing. Do not allow water from fire-fighting to enter water supplies or drainage systems.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	For appropriate personal protective equipment (PPE), refer to section 8.
<b>Spillage</b>	Wear chemical resistant protective clothing including coveralls, footwear,

<b>Environmental Precautions</b>	<p>goggles and gloves and respiratory protection . Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise regional council and emergency services. Ensure legality of disposal by consulting local, regional authority regulations prior to disposal. Thoroughly launder or dispose of contaminated protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry. Do not dispose of undiluted chemicals on site.</p> <p>Concentrate, solutions and washings must be prevented from entering surface water drains or waterways.</p>
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## SECTION 7 – HANDLING AND STORAGE

<b>Storage</b>	Keep out of reach of children. Store in original container, tightly closed, away from human and animal foodstuffs, medicines and remedies, seeds and fertilisers.
<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</b>	Required. Not required.
<b>Record Keeping</b>	Keep records of use.
<b>Additional Requirements</b>	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

<b>Engineering Controls</b>	Product is used outdoors. Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated. The extent of these protection measures depends on the actual risks in use. If airborne mists or vapours are generated, use respiratory protection to a minimum of Organic Vapour cartridge type and/or local exhaust ventilation controls. 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 agrichemical NZS8409.
<b>Personal Protection</b>	Use only protective equipment bearing the mark of the Standards Association of Australia/ New Zealand. In case of heavy or consistent exposure, wear full respiratory protection (at least to organic vapour standard) eye protection, chemical resistant coveralls, boots and gloves.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Suspension liquid
<b>Colour</b>	White to beige colour
<b>Odour</b>	Negligible
<b>Specific gravity</b>	1.12 g/L
<b>Flash point (°C)</b>	NA
<b>Flammability Limits</b>	Non combustible
<b>Miscibility</b>	Miscible in water
<b>Oxidising properties</b>	Not oxidising
<b>Explosive properties</b>	Not explosive

## SECTION 10 – STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Incompatibility</b>	No particular incompatibilities.
<b>Decomposition</b>	Not applicable.
<b>Dangerous Reactions</b>	Not known.

## SECTION 11 – TOXICOLOGICAL INFORMATION

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

<b>Acute Toxicity (for active ingredient, tebuconazole)</b>	Acute Oral LD <sub>50</sub> (rats) : 1700 mg/kg Acute Oral LD <sub>50</sub> (mouse) : 3000 mg/kg Acute Dermal LD <sub>50</sub> (rabbits) : >5000 mg/kg Acute Inhalation LC <sub>50</sub> (rats) : 0.37mg/L/4 hour
<b>Other Information</b>	Not applicable

## 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>	Toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment.
<b>Acute Toxicity – Fish (for active ingredient, tebuconazole)</b>	LC <sub>50</sub> (96 hr) for rainbow trout is 6.4 mg/l. LC <sub>50</sub> (96 hr) for golden orfe is 8.7 mg/l.
<b>Acute Toxicity – Other Organisms (for active ingredient, tebuconazole)</b>	Birds: Not toxic to birds. LD <sub>50</sub> for bobwhite quail is 1988 mg/kg LD <sub>50</sub> for male Japanese quail is 4438 mg/kg LD <sub>50</sub> for female Japanese quail is 2912 mg/kg  Algae: EC <sub>50</sub> 4.01mg/L Daphnia: EC <sub>50</sub> 11.5mg/L Worms: LD <sub>50</sub> ( <i>Eisenia foetida</i> ) 1.381mg/kg

## 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. Do not dispose of undiluted chemicals on site.
<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 receival 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 TEBUCONAZOLE)
<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>	HSR000751
<b>ACVM Approval No</b>	P8771

## 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)