


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

<b>Product Name</b>	<b>Avior 250 SC 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 Telephone</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> For the control of a wide range of diseases in Wheat, Barley, Potatoes, Ryegrass seed crops, Sweetcorn and Maize

## SECTION 2 – HAZARDS IDENTIFICATION

<b>Hazard Pictograms</b>	
<b>Hazard Classification Priority Identifier</b>	<b>6.1D, 6.9B, 8.3A, 9.1B WARNING</b>
<b>Secondary Identifier</b>	<b>KEEP OUT OF REACH OF CHILDREN</b> 6.1D = Harmful if swallowed 6.9B = Danger of serious damage to health by prolonged exposure 8.3A = Eye corrosive 9.1B = Toxic to aquatic organisms

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>CAS No</b>	<b>Proportion</b>
Azoxystrobin	131860-33-8	25% w/v
Inert ingredients	secret	To 100% w/v

## SECTION 4 – FIRST AID MEASURES

<b>Ingestion</b>	If swallowed DO NOT induce vomiting.
<b>Eye</b>	If concentrate or spray solution enters the eyes wash it out immediately with water. Remove contact lenses.
<b>Skin</b>	If skin contact occurs remove contaminated clothing and wash affected areas thoroughly with running water.
<b>Inhalation</b>	If inhaled move the victim to fresh air 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>	Water spray, alcohol-resistant foam, dry chemical or 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>	Wear suitable protective clothing including chemical resistant; coveralls, face shield gloves and boots.
<b>Spillage</b>	Prevent the product or spilled material from entering water bodies. Absorb liquid spills with inert material such as earth or sand and place in waste containers. Wash area with water and absorb with further inert material. Dispose of recovered product and contaminated material in an approved hazardous substances waste management facility or local authority transfer facility capable of hazardous waste disposal.
<b>Environmental Precautions</b>	Washings must be prevented from entering surface water drains or waterways.

## SECTION 7 – HANDLING AND STORAGE

<b>Storage</b>	Keep out of reach of children. Store in original container, tightly closed, away from animal and human foodstuffs, food packaging, seeds and fertilisers. Store in, a cool, dry, well ventilated place and protect from sunlight. Avoid temperatures below -5°C or above 35°C.
<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>Approved Handler</b>	Not required.
<b>Tracking</b>	
<b>Record Keeping</b>	Not required.
<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>Workplace Exposure Standards</b>	Azoxystrobin 8 h TWA: 2 mg/m <sup>3</sup> (Source: Syngenta) Propane-1,2-diol 8 h TWA: 10 mg/m <sup>3</sup> (Particulates) 8 h TWA: 470 mg/m <sup>3</sup> (Total [vapour & particulates]) (Source: UK HSE)
<b>Engineering Controls</b>	No special requirements. 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 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 exposure, wear full respiratory protection (at least to organic vapour standard) eye protection, chemical resistant coveralls and gloves.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Liquid
<b>Colour</b>	Beige to light brown
<b>Odour</b>	Non specific
<b>pH</b>	5-8
<b>Flash point (°C)</b>	NA
<b>Flammability Limits</b>	Non flammable
<b>Density (at 20°C)</b>	1.090
<b>Miscibility</b>	Miscible
<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>	None known
<b>Decomposition</b>	Combustion or thermal decomposition will evolve toxic and irritant vapours.
<b>Dangerous Reactions</b>	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.

<b>Ingestion</b>	Not known – no cases of human poisoning known
<b>Eye</b>	Irritant
<b>Skin</b>	Not irritant
<b>Inhalation</b>	Not known – no cases of human poisoning known
<b>Acute Toxicity (Active Ingredient)</b>	Acute Oral LD <sub>50</sub> (rats) : >2000 mg/kg Acute Dermal LD <sub>50</sub> (rats) : >2000 mg/kg Acute Inhalation LC <sub>50</sub> (rats) (4hr) : >6.32 mg/l
<b>Sensitisation Effects</b>	Not a sensitizer
<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 to Birds</b> LD<sub>50</sub> (mallard ducks and bobwhite quail) = &gt;2000mg/kg</p> <p><b>Acute toxicity to Fish</b> LC<sub>50</sub> (96 h) (rainbow trout) = 1.2mg/L LC<sub>50</sub> (96 h) (carp) = 2.8mg/L</p> <p><b>Growth Inhibition, Algae</b> EC<sub>50</sub> (72 h) = 2.2mg/L</p> <p><b>Toxicity to aquatic Invertebrates</b> LC<sub>50</sub> (48 h) (daphnia magna) = 0.83 mg/L</p> <p><b>Toxicity to soil dwelling organisms</b> LC<sub>50</sub> (14 days) (earthworms) = 283 mg/kg</p> <p><b>Toxicity to honey bees</b> LD<sub>50</sub> (14 days) &gt;283ug/bee</p>
<b>Environmental Fate</b>	Azoxystrobin has medium bioaccumulation potential. DT <sub>50</sub> (water) = >12 days; DT <sub>50</sub> (soil) = 59.5 days.
<b>Partition Co-Efficient (Kow)</b>	Log P = 2.5 (20°C).
<b>Environmental Exposure Limit</b>	None established.

## SECTION 13 – DISPOSAL CONSIDERATIONS

<b>Product</b>	Dispose of this product only by using according to the label, or at an approved hazardous substances waste management facility 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, www.agrecovery.co.nz). 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>	3082
<b>Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains AZOXYSTROBIN)
<b>Class</b>	9
<b>Subsidiary Class</b>	None

# SAFETY DATA SHEET



Packaging Group	III
Additional Information	MARINE POLLUTANT
MTQ (Non-Commercial)	250 L

## SECTION 15 – REGULATORY INFORMATION

HSNO Approval No	HSR100907
ACVM Approval No	P8909

## 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)