SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name:	**Kenso Agcare Avior 250 SC Fungicide**
Product Type:	Group 11 Fungicide
Company Name:	Kenso Corporation (M) Sdn Bhd
Address:	Level 1, 98 Commercial Road, Teneriffe, 4005 QLD
Telephone Number:	(07) 3216 1188
Emergency Telephone Number:	000 (Police or Fire Brigade) **13 11 26 (Poisons Information Centre)**
Use:	For the control of various diseases of grapes, potatoes, tomatoes, cucurbits, avocados, mangoes, passionfruit, poppies, pyrethrum, olives, riberries, anise myrtle, lemon myrtle, carrot, nursery stock, ornamentals, cut flower/foliage and *Rubus* crop as per the Direction for Use.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification: Classified as hazardous according to criteria of Safe Work Australia.
Not classified as a Dangerous Good according to the ADG Code.

Classification of the Hazardous Chemical:	Skin sensitization – Category 1 Serious eye damage/eye irritation – Category 2B Hazardous to the aquatic environment, long-term – Chronic 1
GHS Signal Word:	**DANGER**
Hazard statements:	H317: May cause an allergic skin reaction. H320: Causes eye irritation. H410: Very toxic to aquatic life with long lasting effects.
Prevention:	P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash contacted area thoroughly after handling. P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment. P280: Wear protective gloves.
Response:	P302+P352: IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

	P321: Specific treatment (see FIRST AID on this label) P333+P313: If skin irritation or rash occurs: Get medical advice/ attention. P337+P313: If eye irritation persists: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. P391: Collect spillage.
Disposal:	P501: Dispose of contents and containers as specified on the registered label.
SUSMP Classification:	S5
ADG Classification:	N/A
UN Number:	N/A

Emergency Overview

Physical Description & colour: Yellowish to brownish suspension liquid
Odour: Odourless

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	**CAS number**	**Proportion**
Azoxystrobin	131860-33-8	25%
Inert ingredients	secret	to 100%

SECTION 4 – FIRST AID MEASURES

Inhalation:	Remove to fresh air until recovered. If symptoms persist, seek medical advice.
Skin contact:	Remove contaminated clothing and launder before use. Wash affected areas or skin thoroughly with soap and water. Seek medical advice if irritation develops.
Eye contact:	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical attention.
Ingestion:	If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

Advice to Doctor:
Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazard
Dangerous Decomposition or Combustion Products
Thermal Decomposition
There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Violent steam generation or eruption may occur upon application of direct water stream on hot

liquids.
Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media
Water fog, foam, carbon dioxide or dry chemical.

Fire Fighting
If a significant quantity of this product is involved in a fire, call the fire brigade.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills & Disposal
In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including eye/face protection.
Product spill: Sweep And shovel or collect recoverable product into labeled containers for recycling or salvage, and dispose of promptly.
Wash the spill area with detergent and water. Launder protective clothing before storage or re-use.

SECTION 7 – HANDLING AND STORAGE

Handling
When handling this product, do not eat, drink or smoke.
When mixing this product always wear a PVC or rubber apron, elbow length PVC gloves, face shield or goggles and overalls buttoned at the wrist and neck.
When spraying this product, wear a face shield or goggles
After each day's use, wash gloves, face shield or goggles and overalls.
If product gets on skin, immediately wash area with soap and water.

Storage
Store in the closed, original container in a well-ventilated area as cool as possible out of direct sunlight. Keep from contact with fertilisers and seeds.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits TWA (mg/m3) STEL (mg/m3)
Exposure limits have not been established by SWA for any of the significant ingredients in this product.
No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering Controls
This product should only be used in a well-ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Personal Protective Equipment
When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield or goggles

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Yellowish to brownish
Odour:	Odourless
Vapour Pressure:	No data
Melting Point:	No data
Specific Gravity:	No data
Solubility	Dispersible

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability
This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.
Hazardous Reaction
Keep away from strong oxidising agents.
Hazardous Polymerization
Hazardous polymerisation is not possible.
Conditions to Avoid
Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity data (on Azoxystrobin technical)
Acute Toxicity – Oral
LD_{50} (rats) = >5000 mg/kg
Acute percutaneous LD50 (rats) = >2000 mg/kg
Acute Toxicity – Inhalation
LC_{50} (4h, nose only) for male rats = 0.96 mg/L
LC_{50} (4h, nose only) for female rats = 0.69 mg/L

Potential Health Effects

Inhalation	Breathing in high concentrations of dusts or aerosols of this material may cause headache, nausea, dizziness and weakness.
Skin contact	Available data indicates that this product is not harmful. It should present no hazards in normal use. However, product may be irritating, but is unlikely to cause anything more than mild transient discomfort.
Eye contact	This product may be irritating to eyes, but is unlikely to cause anything more than mild transient discomfort.
Ingestion	Possible symptoms of exposure include: nausea, vomiting and gastrointestinal discomfort and diarrhea.

Other Information
The Australian Acceptable Daily Intake (ADI) for azoxystrobin is set at 0.1 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 10 mg/kg/day.
**ADI= Acceptable Daily Intake; NOAEL: No Observable Adverse Effect Level. Data adopted from Australia ADI List, December 2023.*

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:
Aquatic Organisms:
Azoxystrobin is very toxic to fish species.
LC_{50} (Rainbow trout) = 6.7 mg/L
LC_{50} (Sunfish) = 2.25 mg/L
Birds:
LD_{50} (Bobwhite quail) = 930 mg/kg
Known Harmful Effects on the Environment
Very toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment. Insufficient data to be sure of status.
Azoxystrobin is highly toxic for freshwater fish and invertebrates and very highly toxic for marine invertebrates.
Persistence /Degradability
This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.
Other Precautions Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal: Instructions concerning the disposal of this product and its containers are given on the product label. These should be carefully followed.

SECTION 14 – TRANSPORT INFORMATION

ADG

UN Number:	3082
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (contains AZOXYSTROBIN)
Class:	9
Packaging group:	III
Hazchem:	3Z
Storage and Transport:	Considered non dangerous for road and rail transport (in packaging) by the Australian Code for Transport of Dangerous Goods by Road and Rail. Ref: ADG7; SP No. AU01.

IMO-IMDG

UN Number:	3082
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (contains AZOXYSTROBIN)
Class:	9
Packaging group:	III
Marine pollutant:	Yes

SECTION 15 – REGULATORY INFORMATION

SUSMP Classification	S5
Packaging & Labelling	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING

SECTION 16 – OTHER INFORMATION

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

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
CAS number	Chemical Abstracts Service Registry Number
Hazchem Number	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOHSC	National Occupational Health and Safety Commission
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number
GHS	Globally Harmonised System

CONTACT POINT:

Police and Fire Brigade:	Dial	000
National Poisons Information Centre:	**Dial**	**13 11 26 (from anywhere in Australia)**
For 24 hour emergency response:	Dial	0428 776 327 Ask for Russell Clark