SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name:	**Kenso Agcare Avior 800 WG 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 and poppies as per the Directions for Use table.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification: Classified as hazardous according to criteria of Safe Work Australia.
Classified as a Dangerous Good according to the ADG Code.

Classification of the Hazardous Chemical:	Acute toxicity (Inhalation) – Category 3 Hazardous to the aquatic environment, long term – Chronic 1
GHS Signal Word:	**DANGER**
Hazard statements:	H331: Toxic if inhaled. H410: Very toxic to aquatic life with long lasting effects.
Prevention:	P261: Avoid breathing dust/fume/gas/mist/vapours or spray. P271: Use only in outdoors or in a well-ventilated area P273: Avoid release to the environment.
Response:	P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P311: Call a POISON CENTRE or doctor/ physician. P321: Specific treatment (see FIRST AID on this label). P391: Collect spillage.
Storage:	P403 + P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.
Disposal:	P501: Dispose of contents/container as specified on the registered label
SUSMP Classification:	S5
ADG Classification:	N/A
UN Number:	N/A

Emergency Overview

Physical Description & colour: Off-white to yellowish granule
Odour: Mild
Major Health Hazards: Harmful if inhaled. May irritate the skin. Will irritate the eyes.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS number	Proportion
Azoxystrobin	131860-33-8	80%
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 granules 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 days 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:	Granule
Colour:	Off-white to yellowish
Odour:	Mild
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 Azoxystrlbin 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 diarrhoea.
Other information
The Australian ADI for azoxystrobin is set at 0.1 mg/kg/day with corresponding NOAEL of 10 mg/kg/day. **ADI= Acceptable Daily Intake; NOAEL: No Observable Adverse Effect Level. Data adopted from Australia ADI List, September 2024.*

SECTION 12 – ECOLOGICAL INFORMATION

Persistence /Degradability
This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.
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.
Other Precautions Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.
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

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:	2588
Proper shipping name:	PESTICIDE, SOLID, TOXIC, N.O.S. (contains AZOXYSTROBIN)
Class:	6.1
Packaging group:	III

IMO-IMDG

UN Number:	2588
Proper shipping name:	PESTICIDE, SOLID, TOXIC, N.O.S. (contains AZOXYSTROBIN)
Class:	6.1
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	1800 951 288 03 9573 3188