SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name:	**Kenso Agcare Lance 200 SG Plant Growth Regulator**
Product Type:	Plant Growth Regulator
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 foliar spray application to certain varieties of Grapes, Citrus and Prunes to promote desirable harvest effects, and to stimulate production of winter dormant grass-dominant, high intensity usage pastures.

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification:	Classified as non-hazardous according to criteria of Safe Work Australia. Not classified as a Dangerous Good according to the ADG Code.
Classification of the Hazardous Chemical:	**NONE. Not hazardous.**
GHS Signal Word:	**NONE. Not hazardous.**
SUSMP Classification:	None allocated.
ADG Classification:	Not a dangerous good.
UN Number:	None allocated.

Emergency Overview

Physical Description & colour: White soluble granules
Odour: Odourless
Major Health Hazards: No significant risk factors have been found for this product.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS number	Proportion
Gibberellic acid	77-06-5	20%
Inert ingredients	secret	to 100%

SECTION 4 – FIRST AID MEASURES

General Information:
If poisoning occurs, contact a doctor or Poisons Information Centre, Phone Australia 131 126.

Inhalation:	Product is not harmful. If throat irritation or coughing persists, move affected person to fresh air and keep at rest in comfortable position. Get medical attention if discomfort persists.
Skin contact:	Rinse with water. Get medical attention if any discomfort continues.
Eye contact:	Rinse with water. Get medical attention if any discomfort continues.
Ingestion:	If swallowed, do not induce vomiting. Wash mouth with water and give a glass of water. Seek medical advice.

Advice to Doctor:
Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazards
Dangerous Decomposition or Combustion Products
Thermal Decomposition
Product is not flammable. However, combustion forms carbon dioxide. If incomplete combustion occurred, carbon monoxide and possibly smoke and water are formed. Fire decomposition products from this product are likely to be toxic if inhaled. Take suitable protective measures.
Extinguishing Media
Water fog, alcohol-resistant foam, carbon dioxide or dry chemical.
Fire Fighting
If a significant quantity of this product is involved in a fire, call the fire brigade. There is little danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Fire-fighter should wear appropriate protective equipment with self-contained breathing apparatus.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills & Disposal
No specific measure needed to be taken for minor spill. For major spill, prevent spillage and runoff from entering drains or watercourses.
Personal Protection
For appropriate personal protective equipment (PPE), refer Section 8.
Clean-up Methods – Large Spillages
Place damaged containers in recovery bins (if available) and return to manufacturer. If large spillage occurs, attempt to recover as much spilt material from sumps and bunded areas absorbing remaining material into vermiculite or other absorbent.

SECTION 7 – HANDLING AND STORAGE

Handling
Avoid contact with eyes and skin. Avoid breathing in dust. Wash hands after use. Wash hand, arms and face thoroughly after handling. Do not eat, drink or smoke when using the product. General safety precautions and good health industrial hygiene should be practiced.
Storage
Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards
No exposure standards have been set for this product.
Engineering Controls
No specific ventilation requirements, generally natural ventilation is adequate.
Personal Protective Equipment
No specific personal protective equipment is required when handling the products. As with all pesticide good health industrial hygiene should be practiced to minimize exposure.
Eye Protection
No specific eye protection required for normal usage. Wear a face shield or goggles when eye contact is possible.
Hygiene Measures
Avoid contact with eyes and skin. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with water. Do not eat, drink or smoke when using this product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form:	Free-flowing granules
Colour:	Pale white to white
Odour:	No odour
pH:	No data
Boiling Point (°C):	Not available
Flashpoint:	Non flammable
Vapour Pressure:	Not available
Specific gravity:	Not available
Water Solubility:	Soluble

SECTION 10 – STABILITY AND REACTIVITY

Reactivity
Stable under normal conditions.
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.

Incompatibilities
None.
Fire Decomposition
Combustion forms carbon dioxide. If incomplete, carbon monoxide and possibly smoke and water are formed. Carbon monoxide poisoning symptoms including headaches, weakness, nausea, dizziness, confusion, dimness of vison, disturbance of judgement and unconscious followed by coma and death.
Polymerisation
This product will not undergo polymerisation reactions.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity data (of gibberellic acid technical)
Acute Toxicity – Oral
LD_{50} (rat/mice): >15000 mg/kg
Acute Toxicity - Dermal
LD_{50} (rat): >2000 mg/kg
Acute Toxicity – Inhalation:
No ill effects on rats subjected to 400mg/L for 2h/d for 21 days.
Skin irritation: NON IRRITANT
Eye irritation: NON-IRRITANT
Sensitization: NON SENSITISER

Potential Health Effects

Health Effects
No specific health hazards known. Severity of health symptoms developed will vary depending on the concentration and exposure length.

Acute:

Inhalation:	No specific symptoms known.
Skin contact:	Product should present no hazards in normal use. However, this product maybe irritating yet unlikely to cause anything more than mild transient comfort.
Eye contact:	Product should present no hazards in normal use. May cause slight irritation to eyes. Corneal injury is unlikely.
Ingestion:	Significant oral exposure is unlikely. Products maybe mildly irritating to mucous membrane. It is unlikely to cause anything more than mild transient discomfort.

Reproductive Toxicity
Data indicates not a teratogenic compound.

Mutagenicity
Data indicates no mutagenic effects.
Carcinogenicity
Not listed as carcinogen by NTP, IARC or SWA.
Other Information
The Australian (ADI) for Gibberellic acid is set at 5 mg/kg/day with corresponding NOEL is set at 550 mg/kg/day.
**ADI= Acceptable Daily Intake; NOAEL: No Observable Adverse Effect Level. Data adopted from Australia ADI List, December 2022.*

SECTION 12 – ECOLOGICAL INFORMATION

Not regarded as dangerous to environment. However large/frequent spills may have hazardous effects on the environment.

Ecotoxicity data (of technical)
Acute Toxicity – Bird
LD_{50} bobwhite quail: >2250 mg/kg
Acute Toxicity – Fish
LC_{50} rainbow trout (96 hrs): >210ppm
Acute Toxicity – Other organisms
Daphnia**:** EC_{50} (48 hrs): 488 mg/L
ENVIRONMENTAL FATE
No data available for environmental fate as gibberellic acid is naturally produced by plants.

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:	None allocated
Proper shipping name:	None allocated
Class:	None allocated
Packaging group:	None allocated
Hazchem:	None allocated
Storage and Transport:	Not a dangerous good

IMO-IMDG

UN Number:	None allocated
Proper shipping name:	None allocated

Class:	None allocated
Packaging group:	None allocated
Marine pollutant:	None allocated

SECTION 15 – REGULATORY INFORMATION

SUSMP Classification	None allocated.
Packaging & Labelling	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	0439 933 556 Ask for Murray Goodlich