

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

<b>Product Name</b>	<b>Lavor 500 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 fungal diseases in many fruit crops, asparagus, glasshouse tomatoes, ornamentals and the fine turf.

## SECTION 2 – HAZARDS IDENTIFICATION

<b>Hazard Pictograms</b>	
<b>Hazard Classification</b>	<b>6.9B, 9.1A</b>
<b>Priority Identifier</b>	<b>EOTOXIC</b>
<b>Secondary Identifier</b>	<b>KEEP OUT OF REACH OF CHILDREN</b> 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>
Iprodione	36734-19-7	50% 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>	3Z
<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>Handler Competence</b>	Persons responsible for the storage, handling, mixing, applying or disposing of this product must be trained, experienced or supervised in accordance with requirements for class 6 and 9 substances of the Health and Safety at Work (Hazardous Substances) Regulations 2017 part 4.5 and the Hazardous Substances (Hazardous Property Controls) Notice 2017 Part 4 Subpart C.
<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>Engineering Controls</b>	Handle in well ventilated areas, generally natural ventilation is adequate. 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
<b>Odour</b>	Non specific
<b>pH</b>	5-7
<b>Flash point (°C)</b>	NA
<b>Flammability Limits</b>	Non flammable
<b>Density (at 20°C)</b>	1.170
<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>Toxicology Information</b>	<b>No specific toxicological data is available for this product. Data below Information is for active constituent.</b>
<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: no data
<b>Skin Irritation</b>	Non irritant
<b>Eye Irritation</b>	Non irritant
<b>Sensitisation Effects</b>	Not a sensitizer
<b>Mutagenic Effects</b>	None
<b>Carcinogenic Effects</b>	None
<b>Reproductive Effects</b>	None

Teratogenic (Birth) Effects	None
Systemic Effects	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> (Bobtail quail) &gt; 2000 mg/kg                      LD<sub>50</sub> (Mallard duck) &gt; 10,400 mg/kg</p> <p><b>Acute toxicity to Fish</b>                      LC<sub>50</sub> (96 h) (Rainbow trout) = 4.1 mg/L                      LC<sub>50</sub> (96 h) (Bluegill sunfish) = 3.7 mg/L</p> <p><b>Growth Inhibition, Algae</b>                      EC<sub>50</sub> (72 h) (Selenastrum capricomutum) = 15.3 mg/L</p> <p><b>Toxicity to aquatic Invertebrates</b>                      LC<sub>50</sub> (48 h) (daphnia magna) = 0.25 mg/L</p>
<b>Environmental Fate</b>	Iprodione is rapidly metabolized in soil with formation of carbon dioxide. DT (lab.) 20-80 days; (field 919 days). Rate of degradation increase with successive treatments, hence accumulation does not occur.
<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, <a href="http://www.agrecovery.co.nz">www.agrecovery.co.nz</a> ). 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 IPRODIONE)
<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>	HSR000623
<b>ACVM Approval No</b>	P9809

## 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)