


SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

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| Product Name | Pavo Boss 380 WG Fungicide |
| Company Name | Kenso Corporation (M) Sdn Bhd |
| Address | 2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand |
| Telephone | 0800 536 766 |
| Hazardous Substances | |
| Emergency Telephone | 0800 CHEMCALL (0800 243 622) (24 hours) |
| National Poisons Centre Use | 0800 POISON (0800 764 766) (24 hours) Controls various diseases in apples, beans, citrus, grapes, kiwifruit, onions, pears and stone fruit. |

SECTION 2 – HAZARDS IDENTIFICATION

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| Hazard Pictograms |  |
| GHS Signal Word | WARNING |
| Hazard Classification | Acute oral toxicity Category 4, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1. |
| Hazard Statement | H302: Harmful if swallowed. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. |
| Prevention | P260: Do not breathe dust/fume/gas/mist/vapours/spray. P264: Wash contacted areas thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P273: Avoid release to the environment. |
| Response | P301 + P312: IF SWALLOWED: Call the POISONS CENTER 0800 764 766 or doctor/physician if you feel unwell. P314: Get medical advice/attention if you feel unwell. P330: Rinse mouth. P391: Collect spillage. |
| Disposal | P501: Dispose of contents/container as specified on the registered label. |

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | CAS No | Proportion |
|-------------------|-------------|-------------|
| Boscalid | 188425-85-6 | 25.2% w/w |
| Pyraclostrobin | 175013-18-0 | 12.8% w/w |
| Inert ingredients | secret | To 100% w/w |

SECTION 4 – FIRST AID MEASURES

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| Ingestion | If swallowed, do not induce vomiting, seek medical advice immediately. |
| Eye | Flush eyes immediately with plenty of fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. However, if irritation persists, seek immediate medical advice. |
| Skin | Remove contaminated clothing, wash skin with plenty of soap and water. Seek immediate medical advice if any signs or symptoms described in this document occur. Wash and decontaminate contaminated PPE/clothing before re-wearing. |
| Inhalation | Remove to fresh air until recovered. See a doctor if discomfort or irritation continues. |
| Advice to Doctor | Treat symptomatically. |

SECTION 5 – FIRE FIGHTING MEASURES

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| Fire/Explosion Hazard | Non flammable. |
| HAZCHEM Code | 2Z |
| IER Guide No | 47 |
| Extinguishing Media | Water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |

Fire Fighting Instructions During a fire, toxic fumes may be emitted. Wear self-contained breathing apparatus. Contain runoff.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions For appropriate personal protective equipment (PPE), refer to section 8.

Spillage Wear chemical resistant protective clothing including: coveralls, footwear, goggles, respiratory protection and gloves. Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. After spills, wash area with water and detergent preventing runoff from entering drains. If a significant quantity of material enters drains, advise local Regional Council and emergency services. Ensure appropriate disposal by consulting local, regional authority regulations prior to disposal.

Environmental Precautions Concentrate, solutions and washings must be prevented from entering surface water drains, storm water drains or waterways.

SECTION 7 – HANDLING AND STORAGE

Storage Keep out of reach of children. Store under lock and key, in original container, tightly closed, away from human and animal foodstuffs, medicines and remedies, seeds and fertilisers. Segregate from incompatible hazardous substances. Store in a cool, dry, well ventilated place and protect from sunlight.

Handling 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.

Handler Competence Persons responsible for the storage, handling, mixing, applying or disposing of this product must either be a Certified Handler, or be trained, experienced or supervised in accordance with the requirements of the Health and Safety at Work (Hazardous Substances) Regulations 2017 part 4.5 & 4.6 and the Hazardous Substances (Hazardous Property Controls) Notice 2017 Part 4 Subpart C.

Additional Requirements All aspects of storage, handling, use, disposal and record keeping must be in accordance with NZS 8409:2021 'Management of Agrichemicals', and relevant local and regional council plans.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Workplace Exposure Standards Kaolin
8h TWA: 10 mg/m³ Inhalable dust; and 2 mg/m³ Respirable dust.

Engineering Controls 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.

Personal Protection Use only protective equipment bearing the mark of the Standards Association of Australia/ New Zealand. In case of exposure, when mixing, applying or when likely to have any exposure to concentrate, mixes or mists/vapours suitable **chemical resistant** clothing must be worn including; coveralls, face shield, respiratory protection (organic vapour minimum specification) gauntlet gloves and boots/footwear.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form Granules

Colour Off white to brown

Odour Non specific

pH (1%) 6 - 8

Flash point (°C) NA

Flammability Limits Non flammable.

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| Density (at 20°C) | NA |
| Miscibility | Miscible |
| Oxidising properties | Not oxidising |
| Explosive properties | Not explosive |

SECTION 10 – STABILITY AND REACTIVITY

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| Stability | Stable under normal conditions |
| Incompatibility | None known |
| Decomposition | Combustion or thermal decomposition will evolve toxic and irritant vapours. |
| Dangerous Reactions | 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.

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| Toxicology Information | No specific toxicological data is available for this product. Data below information is for the similar composition. |
| Acute Toxicity | Acute Oral LD ₅₀ (rats): 1490 mg/kg Acute Dermal LD ₅₀ (rats) > 2000 mg/kg Acute Inhalation LC ₅₀ (rats) (4hr) > 5.4 mg/l |
| Eye Irritation | None |
| Skin Irritation | None |
| Sensitisation Effects | None |
| Carcinogenic Effects | None |
| Reproductive Effects | None |
| Mutagenic 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:

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| Ecotoxicological Information | No specific toxicological data is available for this product. Data below information is for the similar composition and active ingredients. |
| Ecotoxic Effects | Very toxic to aquatic life with long lasting effects. Oncorhynchus mykiss LC ₅₀ (96 hr): 0.042 mg/l Daphnia magna EC ₅₀ (48 hr): 0.08 mg/l Pseudokirchneriella succinata EC ₅₀ (72 hr): 4.99 mg/l Bee LD ₅₀ (contact) > 200 ug/bee |
| Persistence and degradability | For boscalid: it is classified not readily biodegradable. For pyraclostrobin: it is classified as poorly biodegradable. |
| Bioaccumulative Potential | Accumulation in organism is not expected. |
| Soil Mobility | Contamination of groundwater is not expected. |
| Environmental Exposure Limit | None established. |

SECTION 13 – DISPOSAL CONSIDERATIONS

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| Product | Dispose of this product only by using according to the label, or at an approved hazardous substance waste receival facility or other approved waste transfer station/facility. |
| Container | 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 submit to a suitable refuse transfer station or hazardous waste receival facility. DO NOT reuse this container for any other purpose. |

SECTION 14 – TRANSPORT INFORMATION

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| Dangerous Goods | |
| UN Number | 3077 |
| Proper Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS BOSCALID, PYRACLOSTROBIN) |
| Class | 9 |
| Subsidiary Class | None |
| Packaging Group | III |
| Additional Information | MARINE POLLUTANT |
| MTQ (Non-Commercial) | 250 kg |

SECTION 15 – REGULATORY INFORMATION

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| HSNO Approval No | HSR007853 |
| ACVM Approval No | P009688 |

SECTION 16 – OTHER INFORMATION

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

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| Contact Points | |
| Police, Ambulance and Fire Service | 111 |
| National Poisons Information Centre | 0800 POISON (0800 764 766) |
| Hazardous Substances Emergency | 0800 Chemcall (0800 243 622) |