



# MICROSUL WG ELITE

## SAFETY DATA SHEET

Revised – June 2017

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### 1. IDENTIFICATION

Product Name: Microsul WG Elite  
Recommended Use: Fungicide

Supplier: Melpat International Pty Ltd  
Address: 4/22 Parry Avenue, Bateman, WA 6150

Telephone: (08) 9312 3200  
Fax: (08) 9312 3233  
Email: [melpat@melpat.com.au](mailto:melpat@melpat.com.au)

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### 2. HAZARD(S) IDENTIFICATION

According to Regulation (EC) No. 1272 / 2008: Not a hazardous substance or mixture

Precautionary Statements : Do not eat, drink or smoke when using this product  
Keep out of reach of children  
Use in accordance with the Directions For Use Leaflet

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name : Sulphur

Concentration : 80%

CAS No : 7704-34-9

UN No : Not Applicable

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### 4. FIRST AID MEASURES

If accidental contact with product occurs, proceed as follows:

Ingestion : DO NOT give anything by mouth to an unconscious person.  
Promptly drink large quantities of water. DO NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.  
Seek medical attention immediately.

Skin Contact	: Remove contaminated clothes and shoes. Wash with lukewarm water and soap. If skin irritation persists, seek medical attention.
Eye Contact	: Hold eyelids open and flush with lukewarm water for at least 20 minutes. If wearing contact lenses, remove immediately. Immediate medical attention is required.
Inhalation	: Remove victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Seek medical attention.
Important Symptoms and Effects (both acute and delayed)	: No information available.
Advice to treating physician	: Treat symptomatically. No specific antidote available.

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## 5. FIRE FIGHTING MEASURES

Extinguishing media	: Use dry chemical powder, carbon dioxide, foam – use extinguishing media that is suitable to the environment. Avoid using water jets as this will cause product to run into drains and water ways.
Special hazards arising from the substance or mixture	: Thermal decomposition products include highly toxic gases: Sulphur dioxide. Exposure to decomposition products may be a health hazard .
Personal protection equipment for fire fighting	: Use adequate protective clothes (including gloves) and self-contained, positive pressure breathing apparatus, approved specifically for confined areas.
Additional Information	: In case of fire, prevent by any means possible spillage from entering drains or water ways.

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## 6. MEASURES TO CONTROL SPILLS AND LEAKS

Personal Precautions, Protective Equipment and Emergency Procedures	: Isolate and ventilate the area. Turn off all sources of ignition. Prevent the spill from spreading. Do not generate dust.
Environmental Precautions	: Avoid the material from entering drains or water ways.

Methods and Materials for containment and cleaning up

: Spills on the Ground

Small Spills

- Isolate area and prevent people from entering.
- Avoid making dust.
- Mop and wipe away.
- Place material in a clean, dry container and seal for subsequent disposal.
- Properly dispose of material according to local regulations.

Large Spills

- Isolate area and prevent people from entering.
- Avoid making dust.
- Scoop up the material.
- Place material in a clean, dry containers and seal for subsequent disposal.
- Properly dispose of material according to local regulations.

## 7. HANDLING & STORAGE

General Information

: For proper and safe use of this product, use as per the Directions for Use Label.

Precautions

: Work in a well ventilated area.  
 Avoid eye and skin contact. Avoid breathing in dust.  
 Use safety goggles, protective clothing, gloves and dust respirator (covering nose and mouth).  
 Keep product sealed and dry.  
 DO NOT eat, drink or smoke near the product.  
 Remove contaminate clothing and protective equipment before entering eating areas.  
 Wash hands thoroughly before eating or drinking.

This material may form flammable dust clouds in the air, which if ignited, can produce an explosion. Mechanical sparks, electrostatic discharges, hot surfaces or flames can serve as ignition sources.

Conditions for safe storage

: Keep product sealed and dry, in a well ventilated area. Do not store in an unlabeled container.  
 Do not store near feed, food or within reach of children.

**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

CONTROL PARAMETERS : Prevent accumulation of dust in the air.  
Control enclosed spaces with adequate ventilation.

**EXPOSURE CONTROLS:**

Appropriate Engineering Controls : Use local ventilation if dust is a problem, to maintain air levels below the recommended exposure limit.

Personal Protective Equipment : Eye / Face Protection:  
Wear splash-proof / dust resistant safety goggles.  
Use equipment for eye protection that is tested and approved under appropriate government standards.

Skin Protection:  
Wear impervious clothing to prevent repeated or prolonged skin contact with this product.

Hand Protection:  
Wear PVC gloves.  
Dispose of contaminated gloves after use.  
Avoid skin contact with this product.  
Wash and dry hands.

Respiratory Protection:  
Wear approved dust and mist respirator.

Other Recommendations:  
After handling this product, always wash hands before eating, drinking, smoking or using the toilet.  
Wash contaminated clothing and other protective equipment before storing and re-using.

**9. PHYSICAL & CHEMICAL PROPERTIES**

Appearance and colour : Light brown to dark brown wettable granule

Odour : Characteristic sulphur odour

pH (10% w/v) : 8.9 to 9.5

Melting point : no data available

Flammability : not highly flammable

Miscibility : product is dispersible in water

Auto ignition temperature : Not applicable

Explosive properties : not explosive

**10. STABILITY & REACTIVITY**

Reactivity	: Not considered reactive under normal temperatures and pressures.
Chemical Stability	: Stable stored and handled according to the recommendations given.
Possibility of hazardous reactions	: Not known. Hazardous polymerisation does not occur.
Conditions to avoid	: Excessive heat, direct sunlight, high moisture / humid conditions, dust generation, ignition sources.
Incompatible Materials	: No information available.
Hazardous Decomposition Products	: No information available.

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**11. TOXICOLOGICAL INFORMATION**INFORMATION ON TOXICOLOGICAL EFFECTS:

Acute Toxicity	: LD <sub>50</sub> oral (rats): >5,000 mg/kg. LD <sub>50</sub> dermal (rats): >2,000 mg/kg
Skin irritation	: Yes
Eye irritation	: Yes
Long Term Toxicity	: No reports of cancer risk, not teratogenic, no reproductive effects and not mutagenic.
Local or Systemic Effects	: No adverse effect has been observed in chronic toxicity tests.
Allergic Sensitisation	: Not known.

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**12. ECOLOGICAL INFORMATION**TOXICITY:

Fish (Cyprinus carpio (Carp))	: LC50 (96h): > 5,000 mg/L
Freshwater invertebrate (Daphnia magna)	: EC50 (48h): > 1,000 mg/L
Algae (Pseudokirchneriella subcapitata) (green algae)	: EbC50 (72h): 290 mg/L

PERSISTANCE AND DEGRADABILITY:

Not persistent in soil.

BIO-ACCUMULATIVE POTENTIAL:

Does not bio-accumulate.

MOBILITY IN SOIL:

Moderately mobile in soil.

OTHER ADVERSE EFFECTS:

Not known.

This product is not considered to be persistent, bioaccumulating, nor toxic (PBT).

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**13. CONSIDERATIONS ON FINAL DISPOSAL**

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|---|---|
| Product disposal                                | : Disposal of this product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional and local authority requirements. Generation of waste should be avoided or minimised where possible.<br><br>Avoid dispersal of spilled material.<br>Avoid contact with waterways, drains and sewers. Disposal of waste into waterways is not allowed.   |
| Disposal of contaminated containers / packaging | : DO NOT dispose of undiluted chemicals on site. Puncture or and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product. |

**14. TRANSPORT INFORMATION**

**Non Dangerous Goods**

UN No : Not Applicable

Class : Not Applicable

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**15. REGULATORY INFORMATION**

APVMA Approval No. : 60541/15kg/0506

Marking on Label : Keep out of reach of children

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**16. OTHER INFORMATION**

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