

SAFETY DATA SHEET

SECTION 1

IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **Apparent Sulphur 800 WG Fungicide and Miticide**

Other Names: Sulfur 800 WG, Group M2 Fungicide.
Use: Agricultural Fungicide and Miticide for a range of crops.
Company: AIRR Apparent Pty Ltd.
Address: 15/16 Princes Street, Newport NSW 2106.
ACN/ABN: 153 573 641.
Phone: 03 5820 8400
Email: enquiries@apparentag.com.au
Emergency Contact: Mobile number 0437 303 689

SECTION 2

HAZARDS IDENTIFICATION

**Classified as hazardous according to criteria of Safe Work Australia.
Not classified as a Dangerous Good according to the ADG Code.**

Globally Harmonised System (GHS) classification of the substance/mixture:

Skin Corrosion/Irritation: Hazard Category 2.

Signal Word: WARNING.

Hazard statements:

H315 Causes skin irritation.

Precautionary Statements:

Prevention:

P264 Wash hands, arms and face thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P321 Specific treatment see Safety Directions on the product label.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Pictogram:



SECTION 3

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

CHEMICAL	CAS NUMBER	PROPORTION
Sulphur	7704-34-9	800 g/kg
Other ingredients determined not to be hazardous		Balance

SECTION 4**FIRST AID MEASURES****FIRST AID**

Ingestion: If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 131 126. Wash mouth with water and give water to drink.

Eye contact: Immediately gently brush granules away from the eyes. If irritated, hold eyes open and flood gently with clean water. Ensure irrigation under eyelids by occasionally lifting them. Do not try to remove contact lenses unless trained. If irritation persists, seek medical advice.

Skin contact: Remove granules by gently brushing away. If on skin gently wash to remove chemical. If skin is irritated, seek medical advice.

Inhalation: Generally not required. If distressed, remove to fresh air and observe until recovered. If effects persist, seek medical advice.

Advice to Doctor: Sulphur has low acute oral and dermal toxicity. Treat symptomatically.

SECTION 5**FIRE FIGHTING MEASURES**

Specific Hazard: Combustible solid.

Extinguishing media: Extinguish fire using carbon dioxide, foam or dry agent. If not available, use waterfog or fine water spray but ensure all runoff is contained. Do NOT use water jets.

Hazards from combustion products: Airborne dust has the potential to form a flammable dust cloud. If involved in a fire will emit irritating and toxic fumes of oxides of sulphur and/or carbon. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or smoke. Finely dispersed particles may form explosive mixtures in air.

Precautions for fire-fighters and special protective equipment: Isolate fire area. Evacuate downwind residents. Wear full protective clothing and self-contained breathing apparatus. Do not breathe smoke or vapours generated.

SECTION 6**ACCIDENTAL RELEASE MEASURES**

Emergency procedures: Wear protective equipment to prevent skin/eye contamination. In the case of spillage, stop leak if safe to do so and contain spilled material. Sweep up and shovel and collect recoverable material for recycling or salvage and dispose of waste as per the requirements of Local or State Waste Management Authorities. Keep out animals and unprotected persons. Finely dispersed particles may form explosive mixtures in air.

Material and methods for containment and cleanup procedures: To clean spill area, tools and equipment, wash with a solution of soap, water and acetic acid/vinegar. Follow this with a neutralisation step of washing the area with a bleach or caustic soda ash solution. Finally, wash with a strong soap and water solution. Absorb, as above, any excess liquid and add both solutions to the drums of waste already collected.

SECTION 7**HANDLING AND STORAGE**

Precautions for Safe Handling: No smoking, eating or drinking should be allowed where material is used or stored. Keep out of reach of children. Do not store for prolonged periods in direct sunlight. Avoid skin contact and inhalation of spray mist. Avoid skin contact and inhalation of spray mist.

Conditions for Safe Storage: Not classified as a Dangerous Good by the ADG. Store in the closed, original container in a well ventilated area away from children, animals, food, feedstuffs and seed. Do not store for prolonged periods in direct sunlight.

SECTION 8**EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines:**

No exposure guidelines have been established for this product by Safe Work Australia. The TWA for 'dusts not otherwise specified' is 10 mg/m³.

Biological Limit Values:

No biological limit allocated.

Engineering controls:

Keep containers closed when not in use. No special engineering controls are required, however make sure that the work environment remains clean and that dust is minimised.

Personal Protective Equipment (PPE):

General: Avoid skin contact and inhalation of spray mist. Although no specific personal protective equipment is required it is good occupational practice to wear suitable personal protective equipment such as overalls and chemical resistant gloves. Wash hands after use.

Personal Hygiene: Clean water should be available for washing in case of eye or skin contamination. Wash skin before eating, drinking or smoking. Shower at the end of the workday.

SECTION 9**PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Tawny coloured granules.
Odour:	Musty, sulphurous type odour.
Boiling point:	Not applicable – solid at room temperature.
Freezing point:	Not applicable – solid at room temperature.
Specific Gravity:	No data.
Solubility in Water:	Disperses in water.
pH:	6 - 9.
Flammability:	Combustible solid.
Corrosive hazard:	Not available.
Flashpoint (°C):	No data available.
Poisons Schedule:	Not a scheduled poison.
Formulation type:	Water Dispersible Granule (WG).

SECTION 10**STABILITY AND REACTIVITY**

Chemical Stability: Product is considered stable in ambient conditions for a period of at least 2 years after manufacture. This product is considered to be very stable.

Conditions to avoid: Do not store for prolonged periods in direct sunlight. Keep away from moisture, heat and flames.

Incompatible materials: Strong oxidising agents.

Hazardous decomposition products: When involved in a fire will emit toxic and noxious fumes containing oxides of sulphur and/or carbon.

Hazardous reactions: No particular reactions to avoid. Hazardous polymerisation is unlikely to occur.

SECTION 11**TOXICOLOGICAL INFORMATION**

No specific data is available for this product as no toxicity tests have been conducted on this product. Information presented is our best judgement based on similar products and/or individual components. As with all products for which limited data is available, caution must be exercised through the use of protective equipment and handling procedures to minimise exposure.

Potential Health Effects:**ACUTE EFFECTS**

Swallowed: Low acute oral toxicity. Acute oral LD₅₀ > 2000 mg/kg (rat).

Eye: This product may cause eye irritation. Symptoms may include stinging and reddening of eyes and watering. If exposure is brief, symptoms should disappear once exposure has ceased.

SECTION 11 TOXICOLOGICAL INFORMATION (Continued)

Skin: Low acute dermal toxicity. Acute dermal LD₅₀ > 2000 mg/kg (rat). May cause irritation of the skin especially if there is long term exposure. Avoid formation of dusts as sulphur dust on sweaty skin can become irritating by the formation of acids.

Inhaled: May cause irritation to mucous membranes.

Long Term Exposure:

Chronic toxicity: No data is available but not expected to have long term effects. Regular inhalation exposure may result in chronic bronchitis.

SECTION 12 ECOLOGICAL INFORMATION

Environmental Toxicology: Sulphur is not toxic to fish. Rainbow trout LC₅₀ > 100 mg/L (96 hour). Sulphur is not toxic to honeybees.

Environmental Fate:

Sulphur loss from soils is principally by microbial degradation. Sulphur is a plant macro element and is required for plant and animal growth.

SECTION 13 DISPOSAL CONSIDERATIONS

Spills and Disposal: Persons involved in cleanup require adequate skin protection - see Section 8. Keep material out of streams and sewers. Dispose of drummed wastes, including decontamination solution in accordance with the requirements of Local or State Waste Management Authorities. In rural areas contact ChemClear <http://www.chemclear.com.au> for help with collection of unwanted rural chemicals.

Disposal of empty containers: Shake bag contents into spray tank until the bag is empty. DO NOT dispose of undiluted chemicals on-site. Puncture or shred and bury empty containers in local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty bags and product should not be burnt.

SECTION 14 TRANSPORT INFORMATION

Road & Rail Transport: This product is not classified as a Dangerous Goods under the Australian Code for the Transport of Dangerous Goods by Road and Rail.

SECTION 15 REGULATORY INFORMATION

Under the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP), this product is not a Scheduled poison.

This product is registered under the Agricultural and Veterinary Chemicals Code Act 1994. Product Registration No. 66641.

This product is classified as a Hazardous Substance under the criteria of Safe Work Australia.

This product is not classified as a Dangerous Good according to the ADG Code (7th Ed).

Requirements concerning special training:

Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

SECTION 16 OTHER INFORMATION

Issue Date: 21 August 2021. Valid for 5 years till 21 August 2026. (5 year update).

Key to abbreviations and acronyms used in this SDS:

ADG Code: Australian Dangerous Goods Code (for the transport of dangerous goods by Road and Rail).

SECTION 16 OTHER INFORMATION (Continued)

Carcinogen:	An agent which is responsible for the formation of a cancer.
Genotoxic:	Capable of causing damage to genetic material, such as DNA.
HCIS:	Hazardous Chemical Information System.
Lacrimation:	The production, secretion, and shedding of tears.
Lavage:	A general term referring to cleaning or rinsing.
Mutagen:	An agent capable of producing a mutation.
Pneumonitis:	A general term that refers to inflammation of lung tissue.
PPE:	Personal protective equipment.
Teratogen:	An agent capable of causing abnormalities in a developing foetus.
TWA:	The Time Weighted Average airborne concentration over an eight-hour working day, for a five day working week over an entire working life.
Safe Work Australia:	Australian government statutory body established in 2008 to develop national policy relating to Worker Health & Safety and workers' compensation.

References

1. "Hazardous Chemicals Information System". Safe Work Australia HCIS website. (2021).
2. "Classifying Hazardous Substances" Safe Work Australia. August 2018.
3. Globally Harmonized System of Classification and Labelling of Chemicals (GHS). United Nations, 2017 (7th Ed).

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

End SDS