

Infosafe No™ 3NV0H	Issue Date : August 2017	ISSUED by NUFARM
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 Product Name **Solo 800WG Fungicide and Miticide**

Not classified as hazardous

## 1. Identification

**GHS Product Identifier** Solo 800WG Fungicide and Miticide

**Product Code** 0741

**Product Type** Group M2 Fungicide

**Company Name** NUFARM AUSTRALIA LIMITED. (ABN 80 004 377 780)

**Address** 103-105 Pipe Road Laverton North  
Victoria 3026 Australia

**Telephone/Fax Number** Tel: +61 3 9282-1000  
Fax: +61 3 9282-1001

**Emergency phone number** 1800 033 498 (24hr Australia)

**Recommended use of the chemical and restrictions on use** For the control of certain fungal diseases and mites in grapevines and other crops as per the Directions for Use table on the label.

<b>Other Names</b>	<u>Name</u>	<u>Product Code</u>
	Solo 800WG Fungicide and Miticide	0963
<b>Other Information</b>	This Safety Data Sheet describes the properties of the concentrated product. The physical properties and the assessments may not apply to the properties of the product once it has been diluted for application.	

## 2. Hazard Identification

**General Precautionary Statement (s)** P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.

**Other Information** Poisons Schedule : Not Scheduled  
Not classified as hazardous under the GHS criteria.

## 3. Composition/information on ingredients

**Chemical Characterization** Solid

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Sulphur	7704-34-9	800 g/kg
	Anionic Surfactant		10-30 %
	Other non hazardous ingredients		0-10 %

## 4. First-aid measures

**Inhalation** Remove affected person to fresh air until recovered. If symptoms persist, seek medical advice immediately.

**Ingestion** Rinse mouth and then drink plenty of water.

**Skin** Wash affected areas thoroughly with soap and water.  
Remove contaminated clothing and laundry before re-use.  
If irritation persists, seek medical advice.

**Eye contact** If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes.  
Seek medical advice if irritation develops or persists.

**First Aid Facilities** If poisoning occurs, contact a doctor or the Poisons Information Centre (Australia) on 13 11 26.

**Advice to Doctor** Treat symptomatically.

## 5. Fire-fighting measures

**Suitable extinguishing media** Water fog, foam, carbon dioxide or dry chemical.  
Avoid strong water jets - airborne dusts may form a flammable dust cloud.

**Hazards from Combustion Products** If involved in a major fire, will evolve oxides of sulphur or carbon.

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<b>Special Protective Equipment for fire fighters</b>	Breathable air apparatus must be worn when fighting a fire in which this product is involved.
<b>Other Information</b>	STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES.

## 6. Accidental release measures

<b>Spills &amp; Disposal</b>	Collect spilled material and waste in sealable open-top type containers for disposal. Recover the product by sweeping up or vacuuming without raising dust. Dispose of at a landfill in accordance with local regulations.
<b>Personal Protection</b>	For appropriate personal protective equipment (PPE), refer Section 8.
<b>Clean-up Methods - Large Spillages</b>	Place damaged containers in recovery bins (if available) and return to manufacturer.
<b>Environmental Precautions</b>	Prevent from entering drains, waterways or sewers.

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Avoid generating dusts while handling the product and mixing. Do NOT contaminate dams, rivers or streams, or any other water bodies with chemical or used containers.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in the closed, original container in a dry, cool well ventilated area out of direct sunlight. Keep bag sealed to prevent deterioration of product.
<b>Other Information</b>	Always read the label and any attached leaflet before use.

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	No biological exposure limit allocated. No exposure standards have been established for this product by Safe Work Australia, however, the TWA exposure standard for dusts not otherwise specified is 10 mg/m <sup>3</sup> .
<b>Appropriate engineering controls</b>	Handle in well ventilated areas, generally natural ventilation is adequate.
<b>Respiratory Protection</b>	If dusts are present, wear a dust mask.
<b>Eye Protection</b>	Wear basic eye protection.
<b>Personal Protective Equipment</b>	It is good practice to wear suitable personal protective equipment (PPE). When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield or goggles.
<b>Hygiene Measures</b>	After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment.
<b>Requirements Concerning Special Training</b>	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.

## 9. Physical and chemical properties

<b>Form</b>	Solid
<b>Appearance</b>	Yellow solid
<b>Odour</b>	No odour
<b>Melting Point</b>	115°C for pure sulfur
<b>Solubility in Water</b>	Disperses in water. Not soluble.
<b>Flash Point</b>	207°C for pure sulphur
<b>Flammability</b>	Not flammable Danger of dust explosion. May form dust clouds.

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## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Incompatible Materials</b>	Corrosive to steel when wet.
<b>Possibility of hazardous reactions</b>	Keep away from strong oxidising agents.
<b>Hazardous Polymerization</b>	Hazardous polymerisation is not possible.

## 11. Toxicological Information

<b>Toxicology Information</b>	No harmful effects are expected if the precautions on the label and this MSDS are followed.
<b>Acute Toxicity - Oral</b>	LD50 (rat) >2,200 mg/kg for a similar product
<b>Acute Toxicity - Dermal</b>	LD50 (rat) >2,000 mg/kg for a similar product
<b>Acute Toxicity - Inhalation</b>	LC50 (rat) (4hr) >5.4 mg/l for a similar product
<b>Ingestion</b>	Amounts swallowed incidental to normal handling procedures and use are not expected to cause injury.
<b>Inhalation</b>	May cause irritation to mucous membranes.
<b>Skin</b>	May irritate the skin. Avoid formation of dusts. Sulphur dust on (sweaty) skin can become irritating by formation of acids.
<b>Eye</b>	The concentrate may cause irritation of the eyes. May cause some discomfort if contact is prolonged.
<b>Chronic Effects</b>	Regular exposure may result in chronic bronchitis.
<b>Serious eye damage/irritation</b>	Mild eye irritant.
<b>Skin corrosion/irritation</b>	Mild skin irritant.

## 12. Ecological information

<b>Persistence and degradability</b>	Loss from soil is principally by microbial degradation.
<b>Other Precautions</b>	Do not spray in high winds. Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.
<b>Environmental Protection</b>	Spray drift can cause damage, read the label for more information.
<b>Acute Toxicity - Fish</b>	Not toxic to fish. LC50 (96hr) for rainbow trout is >100 mg/l for the formulated product
<b>Acute Toxicity - Daphnia</b>	LC50 (48hr) for the formulated product is >100 mg/l.
<b>Acute Toxicity - Other Organisms</b>	Not toxic to bees.

## 13. Disposal considerations

<b>Product Disposal</b>	On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals (ChemClear®).
<b>Container Disposal</b>	Do not use this container for any other purpose. Single rinse before disposal. Add rinsings to spray tank. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal at an approved waste management facility. If an approved waste management facility is not available, bury the empty

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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

**Transport Information** It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.

**Storage and Transport** Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

## 15. Regulatory information

**Regulatory Information** Australia: WHS regulations (2011) - Schedule 11: classification not listed.

**Poisons Schedule** Not Scheduled

**Packaging & Labelling** KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

**Other Information** This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA product number: 70314.

## 16. Other Information

**Date of preparation or last revision of SDS** Revised 04/08/2017  
This document replaces document dated July 2017.

**Contact Person/Point** Normal Hours: Mrs Kathleen Marsh Phone: +61 3 9282 1000  
After Hours: Shift Supervisor Phone: 1800 033 498

**Revisions Highlighted** The SDS was reviewed. Minor changes were made to the information.  
Product is also sold under code 0936.

**Other Information** ® Registered Trademark of Crop Care Australasia Pty Ltd  
...End Of MSDS...

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