

# WELLFARM SULFOSULFURON 750 WG HERBICIDE

**APVMA Product No:** 69598**Poison Schedule:** 0**Emergency Telephone Number:**

The Australian Poisons Information Centre: Dial 13 11 26 (from anywhere in Australia)

Specialist Advice In An Emergency Only 1800 033 111 All Hours Australia Wide

In A Transport Emergency Dial 000 Police Or Fire Brigade

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Company:** Wellfarm Pty Ltd  
**Website:** www.wellfarm.com.au  
**Email:** info@wellfarm.com.au  
**Postal Address:** 22 Calypso Crescent, Point Cook, Vic 3030

**Product Name:** WELLFARM SULFOSULFURON 750 WG HERBICIDE  
**Product Type:** Group B Herbicide  
**Formulation Type:** Water Dispersible Granule  
**Product Use:** For the control of certain weeds in cereals.

## 2. HAZARDS IDENTIFICATION

**Hazard Classification:** NOT A HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

Hazard classification according to the criteria of SWA.

Dangerous goods classification according to the Australia Dangerous Goods Code.

**Risk phrases** None  
**Safety phrases** S22 - Do not breathe dust.  
S24 - Avoid contact with skin.  
S25 - Avoid contact with eyes.  
**Poison Schedule** None allocated

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS No.	Proportion
Sulfosulfuron	141776-32-1	750 g/L
Other ingredients (non-hazardous)		70-80%

## 4. FIRST AID MEASURES

**General Information** You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this MSDS with you when you call.

# MATERIAL SAFETY DATA SHEET

<b>Inhalation</b>	First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.
<b>Ingestion</b>	If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water.
<b>Skin Contact</b>	Gently brush away excess solids. Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.
<b>Eye Contact</b>	Quickly and gently brush particles from eyes. No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Water fog, foam, carbon dioxide or dry chemical.
<b>Fire and Explosion Hazards</b>	There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. This product, if scattered, may form flammable or explosive dust clouds in air. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.
<b>Special Protective Equipment for Fire Fighters</b>	When fighting fires involving significant quantities of this product, wear a splash suit complete with self contained breathing apparatus. Do not scatter spilled material with high pressure water jets.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Accidental release</b>	Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that dusts are likely to build up in cleanup area, we recommend that you use a suitable Dust Mask. Use a P1 mask, designed for use against mechanically generated particles eg silica & asbestos. 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. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. Refer to product label for specific instructions. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this MSDS and the label, instructions on the label prevail. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.
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# MATERIAL SAFETY DATA SHEET

## 7. HANDLING AND STORAGE

<b>Handling</b>	Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.
<b>Storage</b>	Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight.
<b>Other Information</b>	Always read the label and any attached leaflet before use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

The following Australian Standards will provide general advice regarding safety clothing and equipment:

**Respiratory equipment:** AS/NZS 1715, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

### **SWA Exposure Limits TWA (mg/m3) STEL (mg/m3)**

Exposure limits have not been established by SWA for any of the significant ingredients in this product. The ADI for Sulfosulfuron is set at 0.2mg/kg/day. The corresponding NOEL is set at 24mg/kg/day. ADI means Acceptable Daily Intake; NOEL means No-observable-effect-level. Taken from Australian ADI List, Dec 2008.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

<b>Ventilation</b>	This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.
<b>Eye Protection</b>	Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.
<b>Skin Protection</b>	The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.
<b>Protective Material Types</b>	We suggest that protective clothing be made from the following materials: rubber, PVC.
<b>Respirator</b>	If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable Dust Mask.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Off-white free flowing granulated solid
<b>Odour</b>	Typical
<b>Freezing Melting Point</b>	Sulfosulfuron melts 201°C
<b>Solubility in water</b>	Dispersible
<b>pH</b>	5.5 (10g/L, 20°C)
<b>Vapour Pressure</b>	Negligible at normal ambient temperatures.
<b>Volatile component</b>	No specific data. Expected to be low at 100°C
<b>Coefficient Oil/Water Distribution</b>	-0.77 (pH 7) (log P octanol/water)

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Flash Point	Combustible solid
Flammable Limits	No data
Auto ignition temperature	Not determined
Explosion properties	No information

## 10. STABILITY AND REACTIVITY

Reactivity	This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.
Conditions to Avoid	Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.
Incompatibilities	Strong oxidising agents.
Fire Decomposition	Combustion forms carbon dioxide, and if incomplete, carbon monoxide and smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. May form oxides of sulfur (sulfur dioxide is a respiratory hazard) and other sulfur compounds. Most will have a foul odour. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.
Polymerization	This product will not undergo polymerisation reactions.

## 11. TOXICOLOGICAL INFORMATION

Inhalation	May be mildly irritating, although unlikely to cause anything more than mild transient discomfort.
Ingestion	May be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort
Skin	Available data indicates that this product is not harmful. It should present no hazards in normal use. In addition product is unlikely to cause any discomfort in normal use.
Eye	May be mildly irritating, although unlikely to cause anything more than mild transient discomfort.
Chronic effects	No data for health effects associated with long term exposure. SWA: No significant ingredient is classified as carcinogenic by SWA. NTP: No significant ingredient is classified as carcinogenic by NTP.
Acute toxicity	LD50 Oral, Rat >5000mg/kg LD50 Dermal, Rat = >5000mg/kg LC50 Inhalation, Rat = >302mg/L/4hr

## 12. ECOLOGICAL INFORMATION

Persistence / degradability	Biodegradable. Will not accumulate in the soil or water or cause long term problems.
Acute toxicity (sulfosulfuron)	Birds: LD50 mallard: >2250mg/kg LD50 bobwhite quail: >2250mg/kg Fish: LC50 rainbow trout ( <i>Oncorhynchus mykiss</i> ): >95mg/L Algae: EC50 <i>Selenastrum capricornutum</i> 0.62mg/L Bees: LD50 >128µg/bee Daphnia: EC50 >96mg/L Half life in soils is typically 11-47 days.

# MATERIAL SAFETY DATA SHEET

## 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. Triple or preferably pressure rinse inner bladder or containers before disposal. Add rinsings to the spray tank. If recycling, replace cap and return clean containers to recycler or designated collection point.
<b>Other information</b>	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 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. drumMUSTER is the national program for the collection and recycling of empty, cleaned, non returnable crop production and on-farm animal health chemical containers. If the label on your container carries the drumMUSTER symbol, triple rinse the container, ring your local Council, and offer the container for collection in the program. Returnable containers: empty contents fully into application equipment. Replace cap, close all valves and return to the point of supply for refill or storage.

## 14. TRANSPORT INFORMATION

<b>Land transport ADG</b>	Non dangerous for road and rail transport
<b>Sea transport (IMDG)</b>	Not classified as a dangerous good
<b>Air transport (ICAO/IATA)</b>	Not classified as a dangerous good

## 15. REGULATORY INFORMATION

<b>Poisons Schedule</b>	None
<b>Packaging &amp; Labeling</b>	KEEP OUT OF REACH OF CHILDREN, READ SAFETY DIRECTIONS BEFORE OPENING OR USING
<b>Hazard Category</b>	None

## 16. OTHER INFORMATION

All information contained in this document is as accurate as possible based on information submitted by raw material suppliers. Wellfarm Pty Ltd will NOT be responsible for any damages that may result from reliance on the information contained herein.

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