

# SAFETY DATA SHEET

**PRODUCT NAME: SIRFLOR PLUS (ALL GRADES)**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Other names:** Sirflor Plus Green 3M SGN110, Sirflor Plus Green 3M SGN 210, Sirflor Plus White 3M SGN345  
**Recommended use:** Slow release fertiliser  
**Supplier:** Baileys Fertilisers  
**Address:** 24 Beach St  
 Kwinana Beach  
 Western Australia 6167  
**Telephone:** (08) 9439 1688 (Monday to Friday: 8.00am – 5.00pm)  
**Emergency Contact:** Poisons Information Centre on 13 11 26  
**Facsimile:** (08) 9439 1068  
**Email:** baileys@baileysfertiliser.com.au  
**Website:** baileysfertiliser.com.au

## 2. HAZARD IDENTIFICATION

**1. GHS Classification:** Not classified as hazardous according to Australian Criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).  
**2. Signal Word:** N/A  
**3. Hazard Category(s):** N/A  
**4. Hazard Symbol:** N/A  
**5. Hazard Statement(s):** N/A  
**6. Precautionary Statements:** N/A

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Contents % w/w
Polymer UF (methylene-urea)	9011-05-6	88 - 95
Urea	57-13-6	0.5 - 10

## 4. FIRST AID MEASURES

**Eye Contact:** If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.  
**Skin Contact:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.  
**Inhalation:** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.  
**Ingestion:** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, drink plenty of water and induce vomiting.  
**First aid facilities:** No specific requirement.  
**Medical Attention and Special Treatment:** Treat symptomatically. See section 11 for more detailed information on health effects and symptoms.

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## 5. FIRE FIGHTING MEASURES

<b>Flammability:</b>	Non-flammable.
<b>Extinguishing Media:</b>	Use vaporised water, foam, carbon dioxide or powder extinguishers. If circumstances allow, avoid the use of water to prevent damage and leakage of the product.
<b>Fire/Explosion Hazard:</b>	May evolve toxic gases (nitrogen oxides, carbon monoxide, carbon dioxide and ammonia) when heated to decomposition.
<b>Advice for Firefighters:</b>	Remove containers next to the fire, and if this is not possible, wet them with water. Full face masks or self-contained breathing apparatus (SCBA) must be worn with appropriate clothing. If possible, collect contaminated fire-fighting water for treatment.
<b>Hazchem Code:</b>	None allocated.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures:</b>	Remove unnecessary personnel from the area. Ventilate the area where the spill occurred. Remove possible ignition sources. Prevent contact with skin and eyes by using appropriate personal protective equipment (PPE). Prevent inhalation by using appropriate respiratory protection.
<b>Environmental precautions:</b>	Prevent product from entering drains and watercourses.
<b>Methods of cleaning up:</b>	Contain spillage, then collect and place in suitable containers for disposal. Avoid generating dust.
<b>Reference to other sections:</b>	See sections 8 and 13 for exposure controls and disposal.

## 7. HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	Before use, carefully read the product label. Use of safe working practices are recommended to avoid eye or skin contact and inhalation. Observe good person hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.
<b>Conditions for safe storage, including any incompatibilities:</b>	Store in a cool, dry, well ventilated area, removed from moisture, incompatible substances and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Store below 30°C for optimal performance.
<b>Specific end use(s):</b>	No information provided.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

<b>Exposure standards:</b>	Dust 10 mg/m <sup>3</sup> .
<b>Biological limits:</b>	No biological limit values have been entered for this product.

### Exposure controls

<b>Engineering controls:</b>	Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.	
<b>PPE:</b>	<b>Eye / Face</b>	Wear dust-proof goggles.
	<b>Hands</b>	Wear PVC or rubber gloves.

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- Body** When using large quantities, or where heavy contamination is likely, wear coveralls.
- Respiratory** Where an inhalation risk exists, wear a respirator of type P1 (Particulate).



### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Solid granules (white or green)
<b>Odour</b>	Odourless
<b>Flammability</b>	Non flammable
<b>Flash Point</b>	Not relevant
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>pH</b>	4.0 – 7.0 (10% solution)
<b>Vapour density</b>	Not available
<b>Density</b>	0.70 – 0.85 kg/L
<b>Solubility (water)</b>	Partially soluble in water
<b>Vapour pressure</b>	Not available
<b>Upper explosion limit</b>	Not relevant
<b>Lower explosion limit</b>	Not relevant
<b>Partition coefficient</b>	Not available
<b>Autoignition temperature</b>	560°C
<b>Decomposition temperature</b>	> 250°C
<b>Viscosity</b>	Not available
<b>Explosive properties</b>	Not available
<b>Oxidising properties</b>	Not available
<b>Odour threshold</b>	Not available

### 10. STABILITY AND REACTIVITY

- Reactivity:** Carefully review all information provided in sections 10.2 to 10.6
- Chemical stability:** Stable under recommended conditions of storage.
- Possibility of hazardous reactions:** Polymerization will not occur.
- Conditions to avoid:** Avoid heat, sparks, open flames and other ignition sources.
- Incompatible materials:** None known in particular.
- Hazardous decomposition products:** May evolve toxic gases (ammonia, carbon / nitrogen oxides, hydrocarbons) when heated to decomposition.

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## 11. TOXICOLOGICAL INFORMATION

Low toxicity. Under normal conditions of use, adverse health effects are not anticipated. This product is generally considered to be of low toxicity. Use safe work practices to avoid eye contact, prolonged skin contact and dust generation – inhalation.

**Ingestion:** Low toxicity. Ingestion of large quantities may result in gastrointestinal irritation, nausea, and vomiting. Ingestion of large quantities may result in dizziness, drowsiness, excessive urine, weakness and confusion.

**Skin:** Irritant. Contact may result in irritation, redness, pain and rash.

**Eye:** Irritant. Contact may result in irritation, lacrimation, pain and redness.

**Inhalation:** Low irritant. Over exposure may result in irritation of the nose and throat, with coughing.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information.

**Persistence and degradability:** No information.

**Bioaccumulative potential:** No information.

**Mobility in soil:** No information available.

**Other adverse effects:** Avoid contamination of waterways. Fertilisers, particularly those containing nitrogen and / or phosphorus, can stimulate weed and algal growth in static surface waters. Nitrogen fertilisers may contain or form nitrate which can contaminate surface and ground water. High nitrate concentrations may render the water unsuitable for human and livestock consumption.

## 13. DISPOSAL CONSIDERATIONS

**Disposal:** Ensure product is covered with moist soil to prevent dust generation and dispose of to approved Council landfill. Contact the manufacturer / supplier for addition information if required. Dispose of in accordance with relevant local legislation.

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## 14. TRANSPORT INFORMATION

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG or IATA**

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG)	AIR TRANSPORT (IATA / ICAO)
<b>UN Number</b>	None allocated.	None allocated.	None allocated.
<b>Proper Shipping Name</b>	None allocated.	None allocated.	None allocated.
<b>Transport Hazard Class</b>	None allocated.	None allocated.	None allocated.
<b>Packing Group</b>	None allocated.	None allocated.	None allocated.
<b>Hazchem Code</b>	None allocated.	None allocated.	None allocated.

## 15. REGULATORY INFORMATION

<b>Poison schedule</b>	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
<b>Classifications</b>	Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.  The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substance [NOHSC: 1008(2004)].
<b>AICS</b>	All chemicals listed on the Australian Inventory of Chemical Substances (ACIS).

## 16. OTHER INFORMATION

<b>Disclaimer</b>	<p>This document has been prepared by Baileys Fertilisers and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue.</p> <p>While Baileys Fertilisers has taken all due care to include accurate and up to date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Baileys Fertilisers accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.</p> <p>As the use of the products described in this document is outside the control of Baileys Fertilisers, we make no representation or warranty concerning the suitability or fitness of this product for any purpose. It is your sole responsibility to ensure that the product will have the qualities and attributes that will make them fit for any ordinary or special purpose required of them, even if that purpose is made known to us at any time. This includes responsibility on your part to conduct in a timely manner all appropriate tests and quality checks on the product and any goods made from them. We disclaim any liability if any products are not suitable or fit for any such purpose.</p>
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<b>Revision</b>	1
<b>Date</b>	17/07/2019
<b>End of SDS</b>	