



MATERIAL SAFETY DATA SHEET

SOLU-K FERTILISER

Date of Issue: January 01, 2011

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

Product name: **Solu-K[®] Fertiliser**
Recommended use: Fertiliser
Supplier: Campbells Fertilisers Australasia
Address: 18 Raymond Road, Laverton North, Victoria, 3026
Telephone: (03) 9931 2211
Facsimile: (03) 9931 2201
Website: www.campbellsfert.com.au
Contact:
Emergency Telephone Number: (03) 9931 2211 (business hours only 8.30 to 5.00)

2. HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE - NON-DANGEROUS GOOD

Hazard designation: Based on available information, not classified as hazardous according to the criteria of NOHSC.
Risk phrases: Not available
Safety phrases: Not available
ADG classification: This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail.
SUSDP classification: Exempt

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Concentration (g/kg):
Non-hazardous ingredients		

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4. FIRST AID MEASURES

Inhalation:	Remove casualty to fresh air. Seek medical attention for breathing difficulties.
Skin contact:	Wash exposed area with soap and water. If irritation occurs, seek medical advice.
Eye contact:	In case of contact, immediately flush eyes with copious quantities of water for at least 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.
Ingestion:	Rinse mouth with water, give water to drink. Seek medical advice.
First Aid Facilities:	Ensure washing facilities are available and maintained.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Use any means suitable for extinguishing surrounding fire.
Hazards from combustion products:	Not available
Precautions for fire fighters:	Not considered to be an explosion hazard. Use protective clothing and breathing apparatus appropriate for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear protective equipment to prevent skin and eye contamination and inhalation of dust. Sweep up, collect and seal in properly labelled containers for reclamation or disposal. Wash area down with excess water. Do not contaminate streams, rivers or waterways.



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7. HANDLING AND STORAGE

- Handling:** Avoid direct contact with the substance. Ensure sufficient ventilation of area. Do not handle in confined space.
Wear gloves when handling the product over long periods.
- Storage:** Keep out of reach of children. Keep in tightly closed container, stored in a cool, dry, ventilated area. Protect containers against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dusts, solids).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Exposure limits:** No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia).
- Engineering controls:** General ventilation. Keep containers closed when not in use.
- Personal Protective Equipment:**
- Eyes:*
Safety glasses with side shields.
 - Gloves:*
Avoid prolonged contact with skin; wear impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet.
 - Respiratory:*
Use respiratory protection if prolonged contact with mist or vapour or in case of emergency.
 - Other:*
Ensure eye bath or washing facilities are at hand.
- Other Use Precautions:** Wash contaminated clothing and other protective equipment before storage or re-use. To be used strictly in accordance with label instructions.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** White granules or powder
- Odour:** Odourless
- Vapour pressure:** Not available
- Vapour density:** Not available
- Boiling point:** 1689 °C

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Freezing/melting point:	1067 °C
Solubility:	Soluble in water
Specific gravity:	2.66
pH:	7
Molecular Weight:	174.26
Flash Point:	Not available
Flammability (explosive) limits:	Not available
Auto-ignition temperature:	Not available
Octanol/water partition coefficient:	Not available

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions.
Hazardous polymerisation:	Oxides of sulfur and potassium
Conditions to avoid:	Incompatibles
Incompatible materials:	Aluminium and magnesium
Hazardous decomposition products:	Oxides of sulfur and potassium.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

Information on Product:

Inhalation:	May cause irritation of the throat.
Skin contact:	Not expected to be a health hazard from skin exposure.
Eye contact:	Dust may cause irritation.
Ingestion:	Swallowing large quantities may result in gastrointestinal disturbances and irritation.

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Other: No other health effects expected.

Chronic: Not expected to be a health hazard. Potassium poisoning may occur in rare cases of long exposure or ingestion.

Information on Components: No information available

Acute:

Oral toxicity: LD₅₀ (rat) - 6600 mg/kg

Dermal toxicity: Not available

Inhalation toxicity: Not available

Skin irritation: Not available

Eye irritation: Not available

Sensitisation: Not available

12. ECOLOGICAL INFORMATION

Avoid contaminating streams, rivers or waterways with product.

Environmental fate: Not available.

Mobility: Not available.

Persistence / degradation: Not available.

Ecotoxicological Information: Not available.

13. DISPOSAL CONSIDERATIONS

Disposal of Waste Method:

Depending on degree or nature of contamination, dispose of by use as a fertiliser on farm or to an authorised waste facility.

Contaminated Packaging:

Empty containers must be handled according to local regulations.



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14. TRANSPORT INFORMATION

UN number: Not applicable
Proper shipping name: Not applicable
Class and Subsidiary Risk: Not classified as Dangerous Goods for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
Packing Group: Not applicable
EPG: Not applicable
Hazchem code: Not applicable

15. REGULATORY INFORMATION

Based on available information, not classified as hazardous according to criteria of Worksafe Australia.
Poisons Schedule (Aust)/Toxic Substance (NZ): Exempt

16. OTHER INFORMATION

Trademark information:

Preparation information: Prepared by Campbells Fertilisers Australasia

Data sources: Supplier MSDS

END OF MSDS