



MATERIAL SAFETY DATA SHEET

Gold Plus

Date of Issue: 19 September 2011

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

Product Name: **Gold Plus**

Other Names: NPK(S)-Granulated Fertiliser Class C

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

Emergency Telephone Number: (03) 9931 2211 (business hours only 8.30 am to 5.00 pm)

2. HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE - NON-DANGEROUS GOOD

Hazard Designation: Not classified as hazardous according to the criteria of NOHSC, based on available information

Risk Phrases: Not applicable

Safety Phrases: Not applicable

ADG Classification: Not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail., 7th Edition

SUSMP Classification: Exempt from Poison Scheduling

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component:	CAS Number:	Proportion (%):
No hazardous components	-	100 %

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4. FIRST AID MEASURES

If exposed, concerned or if symptoms persist, get medical attention/advice. If medical advice is needed, have product container or label at hand.

Inhalation:	If inhaled, remove to fresh air.
Skin Contact:	Avoid prolonged or repeated contact with skin. After handling, always wash hands thoroughly with soap and water. Get medical attention if irritation develops.
Eye Contact:	In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation occurs.
Ingestion:	Obtain medical attention. Do not induce vomiting unless directed to do so by medical personnel. Rinse mouth. Never give anything by mouth to an unconscious person.
First Aid Facilities:	Ensure washing facilities, including an eyewash, are available.
Medical Personnel:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Use water only in flooding quantities. Do NOT use chemical extinguisher or foam or attempt to smother the fire with steam or sand.
Hazards from Combustion Products:	Under fire conditions, hazardous fumes will be present. The product is not flammable. May accelerate the burning of other combustible materials.
Precautions for Firefighters and Special Protective Equipment:	Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Use water spray or fog for cooling exposed containers. Fire-fighters should wear appropriate protective equipment, including respiratory protection. Exercise caution when fighting any chemical fire. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:	Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
Methods and Materials for Containment and Clean Up:	Collect spills and put it into appropriated container. Use appropriate container to avoid product contamination. Do not allow to mix with sawdust and other combustible or organic substances. (See materials to avoid section 10)

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7. HANDLING AND STORAGE

Precautions for Safe Handling:	Handle in accordance with good industrial hygiene and safety procedures. Minimize generation of dust. Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing. Both local exhaust and general room ventilation are usually required. Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
Conditions for Safe Storage, including any Incompatibilities:	Keep only in the original container in a cool, well ventilated place. Store away from heat/moisture. Avoid (See section 10): Organic materials, reducing agents, acids, alkalis, oxidizing agents, chlorides, nitrites, metallic powders and substances containing metals such as copper, nickel, cobalt, zinc and their alloys.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards:	No Exposure Limits set in Australia
Biological Limit Values:	No biological limit allocated.
Engineering Controls:	Provide local exhaust or general room ventilation.
Personal Protective Equipment:	<p><i>Respiratory Protection:</i> Where excessive dust may result, wear approved mask. No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.</p> <p><i>Eye Protection:</i> Even though no specific eye irritation data is available, wear eye protection appropriate to conditions of use when handling this material.</p> <p><i>Hand Protection:</i> Gloves.</p> <p><i>Skin Protection:</i> No special clothing/skin protection equipment is recommended under normal conditions of use.</p> <p><i>Ingestion:</i> When using, do not eat, drink or smoke.</p>

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pellet
Odour:	Light
Vapour Pressure:	Not available
Vapour Density:	Not available
Boiling Point:	> 210°C. Decomposition before boiling
Freezing/Melting Point:	Depends on composition. May decompose before melting
Solubility:	Good
Density:	0.90-1.30
pH:	(10%) 4.0 - 7.0

10. STABILITY AND REACTIVITY

Chemical Stability:	Product is stable under normal conditions of storage, handling and use.
Conditions to Avoid:	Heat. Open flame. Prevent contamination by irrelevant materials.
Incompatible Materials:	Organic materials, reducing agents, acids, alkalis, oxidizing agents, chlorides, nitrites, metallic powders and substances containing metals such as copper, nickel, cobalt, zinc and their alloys.
Hazardous Decomposition Products:	Thermal decomposition generates ammonia and nitrogen oxides.
Hazardous Reactions:	None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
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12. ECOLOGICAL INFORMATION

Ecotoxicity:	Low toxicity to aquatic life
Persistence and Degradability:	The product does not show any bioaccumulation phenomena. Prevent entry to sewers and public waters. Attention : As this fertilizer contains nitrate and phosphate, heavy spillage may cause adverse environmental impact such as eutrophication in confined surface waters or nitrate contamination of ground or surface water.
Mobility:	No data available

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13. DISPOSAL CONSIDERATIONS

Disposal Methods, including Disposal of Containers: Dispose of in accordance with all applicable local and national regulations.

Special Precautions for Landfill or Incineration: Do not incinerate product or container.

14. TRANSPORT INFORMATION

UN Number: None allocated
Not classified as a dangerous good for road and rail transport.

UN Proper Shipping Name: None allocated

Class and Subsidiary Risk: None allocated

Packing Group: None allocated

Special Precautions for User: None allocated

HAZCHEM Code: None allocated

15. REGULATORY INFORMATION

SUSMP: Exempt from Poison Scheduling

APVMA: Exempt from registration

State Departments of Agriculture / Primary Industries: Registration not required for fertilisers

Australian Inventory of Chemical Substances (AICS): All components listed

16. OTHER INFORMATION

Edition: 19 September 2011

Revision Due: 19 September 2016

Reason for Revision: Update from manufacturer

Preparation Information: Prepared by Campbells Fertilisers Australasia



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Data Sources: Supplier MSDS

Trademark None

Information:

Glossary:

- CAS** Chemical Abstract Services number, used to uniquely identify chemical compounds
- NOHSC** National Occupational Health and Safety Commission
- PPE** Personal protective equipment
- SUSMP** Standard for the Uniform Scheduling of Medicines and Poisons

This MSDS summarises our best knowledge of the health and safety hazard information available for this product and how to safely handle and use it. Since the use of this information and the conditions of the use of this product are not under the control of Campbell's Fertilisers, it is the user's responsibility to determine conditions of safe use of the product.

END OF MSDS