



Phostrogen All Purpose Soluble Plant Food

Safety data sheet

SECTION 1: Identification of the substance and supplier

Product name:	Phostrogen All Purpose Soluble Plant Food
Recommended Use:	Fertiliser
Company:	Burnet's Horticulture Ltd.
Address:	28 Andromeda Cres, East Tamaki, Auckland P.O.Box 58510 Botany Auckland 2163
Email:	office@burnets.co.nz
Telephone Toll Free Number:	(09) 2746234 or Freephone 0800 775 710
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SECTION 2: Hazards Identification

Not considered hazardous under HSNO criteria

SECTION 3: Composition/information on ingredients

N-P-K fertiliser, containing Ammonium Sulphate, Urea, Phosphorus Pentoxide, Potassium Oxide: plus trace elements.

SECTION 4: First Aid Measures

In case of poisoning by any route contact a doctor or Poisons Information Centre.

Swallowed: If large quantities are ingested, drink plenty of water. Do not induce vomiting. Immediately contact a doctor or Poisons Information Centre.

Eye: Flush eyes with large quantities of water for 15 minutes. Seek medical advice.

Skin: If contact occurs remove contaminated clothing and wash affected areas thoroughly with soap and water. Consult a doctor if irritation persists.

Advice to Doctor: No specific antidote is available. If poisoning is suspected apply symptomatic therapy. Contact Poisons Information Centre (0800 POISON (0800 764 766) for more information.

SECTION 5: Fire Fighting Measures

Dangerous Goods Class:	Not Classified as Dangerous Goods
Extinguishing media:	Water spray, Foam, dry chemical, CO2.
HAZCHEM:	2[Z]
Special exposure hazards:	None
Fire and Explosive Properties:	May form hazardous decomposition products

SECTION 6: Accidental Release Measures

In Case of Spill or Leak: Control the spill at its source, to prevent it from spreading, contaminating soil, or entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8. Place into compatible disposal container. Scrub area with water plus detergent. Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposal.

SECTION 7: Handling and Storage

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store with food or drink. Wash thoroughly with soap and water after handling.

SECTION 8: Exposure Control/Personal Protection

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING AND USE OF THIS PRODUCT.

BEFORE USING CONSULT THE PRODUCT LABEL.

Ingestion: Prevent eating, drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material, Wash thoroughly with soap and water after handling.

Eye Contact: Where eye contact is likely, use chemical splash goggles. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Skin Contact: Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear. For overhead exposure, wear chemical-resistant headgear.

Inhalation: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits.

SECTION 9: Physical and Chemical Properties

Appearance:	White crystals
Odour:	Mild
Flammable (Explosive) Limits:	Non flammable
pH:	4.4 (at 50 g/ litre)
Solubility:	Soluble/dispersible in water

SECTION 10: Stability and Reactivity

Stability:	Stable
Conditions to avoid:	None
Materials to avoid:	Oxidising materials
Hazardous Decomposition Products:	May be formed at high temperatures
Hazardous Polymerisation:	Will not occur

SECTION 11: Toxicological Information

Acute Oral Toxicity: LD50 (rat): > 2,000 mg/kg
Acute Inhalation Toxicity: LC50 (rat): . > 5.0 mg/l (exposure: 4 hours)
Acute Dermal Toxicity: LD50 (rat): > 2,000 mg/kg
Eye: Not expected to cause irritation. Avoid contact.
Skin Contact: Not expected to cause irritation. Avoid contact.
Sensitisation: Non sensitizing

SECTION 12: Environmental Information

Toxicity to fish, LC50:	> 100 mg/ litre (96 hrs)
Toxicity to aquatic invertebrates, LC50:	> 100 mg/ litre (48 hrs)
Toxicity to aquatic plants, LC50	> 100 mg/ litre (96 hrs)

Based on experience of the components the product is not expected to have harmful environmental effects.

SECTION 13: Disposal Considerations

Product: If possible dispose of by using according to label instructions. Larger volumes should be disposed of in an approved landfill.

Containers: Triple rinse empty containers. Small (retail) containers may then be disposed of via domestic waste bins, or the recycling system. Larger containers can be disposed of via the Agrecovery scheme, or taken to an approved landfill.

SECTION 14: Transport Information

Not scheduled as Dangerous Goods for Transport Purposes

UN Number: N/A

UN Shipping Name: N/A

UN Classification: N/A

UN Packing Group: N/A

SECTION 15: Regulatory Information

HSNO Approval Number: Not required.

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