



MATERIAL SAFETY DATA SHEET

Diamond Special T

Date of Issue: January 01, 2011

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

Product Name: Diamond Special T

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 to 5.00)

2. HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE - NON-DANGEROUS GOOD

Hazard Designation: Classified as non-hazardous according to the criteria of NOHSC

Risk Phrases: Not applicable

Safety Phrases: Not applicable

ADG International IMO:

Classification: Proper Shipping Name: NPK Fertiliser

Hazard Class: 9

UN 2071

SUSDP: No information

Classification:

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion (%w/w):
Components vary between products – see label for specific content information		
mono ammonium phosphate	7722-76-1	
potassium nitrate	7757-79-1	<66%
Magnesium sulfate	7487-88-9	
Mono potassium phosphate	-07778-77-0	
EDTA salts of Ferrum, Copper, Zinc Manganese	-	

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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:	Remove to fresh air. If effects occur, consult physician.
Skin Contact:	Promptly wash with soap and water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse.
Eye Contact:	Flush immediately and continuously with flowing water for at least 30 minutes. Seek medical consultation if irritation persists.
Ingestion:	Give large quantities of water and induce vomiting. Seek medical attention.
First Aid Facilities:	Ensure washing facilities, including an eyewash, are available.
Medical Personnel	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media:	Non -flammable
Hazards from Combustion Products:	Noxious fumes may form. Nitrogen oxides. .Potassium nitrates and ammonium nitrate are oxidisers and therefore increases the intensity of any fire and the possibility of an explosion.
Precautions for Fire Fighters:	Self contained air supply to protect from nitrogen oxides.

6. ACCIDENTAL RELEASE MEASURES

Containment and Clean Up	Contain material. Pick up material and store in plastic bags, away from combustibles. Do not contaminate streams and water supplies.
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7. HANDLING AND STORAGE

Handling:	Do not get on skin or clothing or in eyes. Keep out of reach of children. Avoid breathing dusts.
Storage:	Store in a dry place. Do not store with flammable and oxidisable substances.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards:	Not available
Engineering Controls:	General room ventilation. Recommended to control dust.
Personal Protective Equipment:	<p><i>Eyes:</i> Safety glasses with side shields.</p> <p><i>Gloves:</i> Recommended to avoid contact.</p> <p><i>Other:</i> Body-covering clothing. Use dust mask if conditions warrant.</p>
Other Use Precautions:	Shower after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Red
Odour:	
Vapour Pressure:	Below 1
Vapour Density:	
Boiling Point:	decomposes
Freezing/Melting Point:	60°C
Solubility:	35% (W/W)
Density:	approx. 1.1kg/liter
pH:	4-6
Flash Point:	Above 150° C, TCC
Flammability (explosive) Limits:	LEL-N/A;UEL-N/A
Auto-Ignition Temperature:	
Octanol/Water Partition Coefficient:	

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable in normal use and storage.
Hazardous Polymerisation:	Will not occur.
Conditions to Avoid:	Fire conditions.
Incompatible	Corrosive to metals.

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Materials:

Hazardous Decomposition Products: Decomposition by-products include nitrogen oxides

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

Inhalation: Dust may be irritating.

Skin contact: Normally non-hazardous.

Eye contact: May cause mild irritation and burn.

Ingestion: Low toxicity.
Ingestion of large quantities may cause nitrate poisoning.

Other: Signs and symptoms of exposure:
Small amounts: weakness, general depression, headache, and mental impairment.
Large amounts: Dizziness, abdominal cramps, vomiting, bloody diarrhoea, weakness, convulsions, and collapse.

Chronic:

TOXICOLOGY

Acute:

Oral Toxicity: Unknown

Dermal Toxicity: Unknown

Inhalation Toxicity: Dust may be irritating

Skin Irritation: Normally non-hazardous

Eye Irritation: May cause mild irritation and burn.

Sensitisation: Not available

Chronic:

12. ECOLOGICAL INFORMATION

Environmental Fate: Not available

Mobility: Not available

Persistence / Degradation: Not available

Ecotoxicological Information: Do not contaminate streams and water supplies.



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13. DISPOSAL CONSIDERATIONS

Disposal of Waste Method: Dispose of in non-crop far from water supplies or in an approved landfill in accordance state, federal and local regulations.

Contaminated Packaging: Empty containers should be triple rinsed before burying in approved landfill. Dispose of only in accord with local regulations.

14. TRANSPORT INFORMATION

* according to DOT regulations

UN Number: 2071

Proper Shipping Name: NPK Fertilizer

Class and Subsidiary Risk: 9

Packing Group: Not available

EPG: Not available

Hazchem Code: Not available

15. REGULATORY INFORMATION

SUSDP: Not available

APVMA: Does not require registration with APVMA

State Departments of Agriculture / Primary Industries: Not available

Australian Inventory of Chemical Substances (AICS): Not available

16. OTHER INFORMATION

Trademark Information:

Preparation Information: Prepared by Campbells Fertilisers Australasia

Data Sources: Supplier MSDS

END OF MSDS