



MATERIAL SAFETY DATA SHEET

Nitro-P

Date of Issue: January 01, 2011

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

Product Name: Nitro-P

Recommended Use: Mixed Fertilizer Solution

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

HAZARDOUS SUBSTANCE - NON-DANGEROUS GOOD

Hazard Designation: Classified as a hazardous substance according to the criteria of NOHSC.
C Corrosive
T Toxic
N Dangerous for the Environment

Risk Phrases: R10 Flammable.
R23 Toxic by inhalation.
R34 Causes burns.
R50 Very toxic to aquatic organisms.

Safety Phrases: S1/2 Keep locked up and out of the reach of children.
S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S61 Avoid release to the environment. Refer to special instructions/Material Safety Data Sheets.

ADG Classification: Not classified as a dangerous good according to the Australian Dangerous Goods Code

SUSDP Classification: Schedule 6

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Classification and Type:

Material:	CAS Number:	Proportion (%w/w):
Phosphoric Acid	7664-38-2	30-60
Anhydrous Ammonia	7664-41-7	11-<30

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air if breathing difficulties occur
Skin Contact:	Wash with soap and water
Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Immediately call a Poison Centre or doctor/physician.
Ingestion:	Give water if conscious. Do not induce vomiting.
First Aid Facilities:	Eyewash should be available
Medical Personnel	Treat symptomatically

5. FIRE FIGHTING MEASURES

Type of Hazard:	Not flammable
HAZCHEM Code:	None allocated
Extinguishing Media & Methods:	Use media appropriate to flammable material. Contain runoff.
Hazards from Combustion Products:	None known
Recommended Protective Clothing:	Wear standard protective clothing

6. ACCIDENTAL RELEASE MEASURES

Containment and Clean Up:	Isolate and stop the leak. Contain the spill, if possible, and recover any reusable product. Consult local, state or federal environmental agencies for acceptable disposal procedures and locations.
Personal Protection:	See section 8 for appropriate PPE
Special Requirements:	Use Section 13 for instructions for the disposal of waste/contaminated material.

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7. HANDLING AND STORAGE

Handling: Wear appropriate PPE as detailed in Section 8.
Storage: *Site Requirements:*
Store in cool place away from foodstuffs
Packaging:
Preferably store in original container maintaining full label information.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards: No exposure standards have been set for this substance.
Engineering Controls: Use only outdoors or in a well-ventilated area. Avoid generating and inhaling dust. Use with local exhaust ventilation or while wearing dust respirator.
Personal Protective Equipment: *Specifications for Equipment:*
Tightly fitted safety goggles or face shield recommended. Rubber-coated gloves and clothing recommended if prolonged or repeated exposure of skin to liquid.
General Hygiene:
Handle with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin, and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, dark green liquid
Odour: Slight ammonia odour
Specific Gravity: 1.425 – 1.44
Boiling Point: 100°C
Freezing/Melting Point: No data available
Solubility: Completely soluble with water
pH: 5.8 to 6.5
Flashpoint: Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Completely stable
Hazardous Polymerisation: Will not occur
Conditions to Avoid: High temperature

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Incompatible Materials: Zinc clad, copper bearing alloys and aluminium. Water reactive materials.

Hazardous Decomposition Products: None known

11. TOXICOLOGICAL INFORMATION

Toxicity Data: No data available

Health Effects

Inhalation: Exposure via inhalation unlikely

Skin Contact: Liquid can irritate skin

Eye Contact: Liquid can irritate eyes

Ingestion: None listed

12. ECOLOGICAL INFORMATION

Potential Environmental Interactions: Very toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Product Disposal: Dispose of as directed on label. If this is not possible, dispose of at an appropriate landfill in consultation with local authorities or your supplier

Container Disposal: Triple rinse container and deposit at an approved recycler or designated collection depot. Or render packaging incapable of holding product and dispose of at an approved landfill.

14. TRANSPORT INFORMATION

UN Number: None allocated

Proper Shipping Name: None allocated

DG Class and Subsidiary Risk: None allocated

Packing Group: None allocated

HAZCHEM Code: None allocated

Special Precautions: None allocated



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15. REGULATORY INFORMATION

Regulatory Status: Fertilizers do not require registration in Australia

16. OTHER INFORMATION

Edition: Initial version
Revision Due: 10 May 2015
Reason for Revision: -
Additional Information: Directions for use are found on the product label.

Glossary:

CAS Chemical Abstract Services Number, used to uniquely identify chemical compounds
NOHSC National Occupational Health and Safety Commission
PPE Personal Protective Equipment
SUSDP Standard for the Scheduling of Drugs 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