



MATERIAL SAFETY DATA SHEET

Iron-NTM

Date of Issue: January 01, 2011

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

Product Name: Iron-NTM

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 a hazardous substance according to the criteria of NOHSC

Risk Phrases: None allocated

Safety Phrases: None allocated

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

SUSDP Classification: Not scheduled

3. COMPOSITION / INFORMATION ON INGREDIENTS

Classification and Type:

Material:	CAS Number:	Proportion (%w/w):
Urea	57-13-1	29
Other Non-Hazardous Ingredients		To 100%

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4. FIRST AID MEASURES

Symptoms of Exposure

No adverse health effects expected if the product is handled in accordance with this MSDS and the product label. Symptoms that may arise if the product is mishandled are:

- Inhalation:** Mist may cause irritation
- Skin Contact:** Contact with skin may result in mild irritation
- Eye Contact:** May cause eye irritation
- Ingestion:** The symptoms are abdominal pains, vomiting and diarrhoea. Symptoms may be delayed.

First Aid Actions

If medical advice is needed, have product container or label at hand.

- Inhalation:** Move patient to fresh air and sit in a position comfortable for breathing.
- Skin Contact:** Wash with plenty of soap and water. If skin irritation occurs: Get medical attention/advice. Take off contaminated clothing and wash before reuse.
- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists: get medical attention/advice.
- Ingestion:** Call a Poison Centre or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.
- First Aid Facilities:** Eyewash facilities should be available at places of work.
- Notes for Medical Personnel** Treat symptomatically.

5. FIRE FIGHTING MEASURES

- Type of Hazard:** Non-flammable
- HAZCHEM Code:** Not applicable
- Extinguishing Media & Methods:** Use media appropriate to combustible material involved. Keep containers cool. Contain runoff.
- Hazards from Combustion Products:** May release oxides of nitrogen and sulphur if exposed to fire
- Recommended Protective Clothing:** Fire-fighters to wear self-contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES

Containment and Clean Up:	Contain spillage with absorbent material. Collect material and dispose of at an approved landfill. Wash affected area with copious amounts of water.
Personal Protection:	See Section 8 for appropriate PPE
Special Requirements:	See Section 13 for instructions for the disposal of waste/contaminated material.

7. HANDLING AND STORAGE

Handling:	Wear appropriate PPE as detailed in Section 8. Wash exposed skin thoroughly after handling. Do not eat, drink or smoke while using this product.
Storage:	<i>Site Requirements:</i> Store in a cool area away from foodstuffs, alkalis and oxidisers. <i>Packaging:</i> Store in original packaging. Ensure label information is available if product is transferred to a new container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards:	No exposure standards have been set at this time.
Engineering Controls:	Exposure control measures: Use in well ventilated areas
Personal Protective Equipment:	<i>Specifications for Equipment:</i> Wear protective gloves, clothing and eye protection. <i>General Hygiene:</i> Wash exposed skin thoroughly after handling. Do not eat, drink or smoke while using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pale green liquid
Odour:	Mild
Specific Gravity:	1.4
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Solubility:	Infinite in water
pH:	Not available
Flash Point (degC):	Not flammable

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10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal circumstances. Iron oxidizes over time.
Hazardous Polymerisation:	Will not occur.
Conditions to Avoid:	None known.
Incompatible Materials:	Avoid strong bases
Hazardous Decomposition Products:	Oxides of nitrogen and sulphur

11. TOXICOLOGICAL INFORMATION

Toxicity Data:	Calculated Oral LD ₅₀ 1170 mg/kg
Health Effects:	Toxic if swallowed Causes skin irritation Causes eye irritation

12. ECOLOGICAL INFORMATION

Potential Environmental Interactions:	Toxic to aquatic life Harmful to terrestrial vertebrates
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13. DISPOSAL CONSIDERATIONS

Product Disposal:	Use as directed on the product label. Alternatively dispose of at an appropriate landfill or waste treatment site. Do not burn product.
Container Disposal:	Triple rinse container and deliver to designated recycling or collection depot. Alternatively crush and bury 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: 12 February 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

LD₅₀ Lethal dose to kill 50% of test animals or organisms

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 Campbells Fertilisers, it is the user's responsibility to determine conditions of safe use of the product.

END OF MSDS