

MATERIAL SAFETY DATA SHEET

NPK EXTRA FERTILISER

Date of Issue: November 15, 2005

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

Product name: **NPK Extra Fertiliser**
Recommended use: NPK Fertiliser
Supplier: Grow Force
Address: 3 Mary Street, Blackstone, Queensland, 4304
Telephone: 07 3282 1733
Facsimile: 07 3816 1543
Website: <http://www.crt.ruralco.com.au/gfanew/index.htm>
Contact:
Emergency Telephone Number:

2. HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE - NON-DANGEROUS GOOD

Hazard designation: Based on available information, not classified as hazardous according to the criteria of NOHSC.
Risk phrases: Not applicable.
Safety phrases: Not applicable.
ADG classification: This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail.
SUSDP classification: Exempt

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Concentration (%):
Non-hazardous ingredients		

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4. FIRST AID MEASURES

Inhalation:	Remove person from exposure. Seek medical advice if effects persist.
Skin contact:	Wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. If irritation occurs, seek medical advice.
Eye contact:	In case of contact, immediately flush eyes with copious quantities of water for at least 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.
Ingestion:	Rinse mouth with water. Give plenty of water to drink. If vomiting occurs give further water. Seek medical advice.
First Aid Facilities:	Ensure washing facilities are available.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Water jets or water spray (large quantities).
Hazards from combustion products:	Strong oxidising agent. Non-combustible, but will support combustion of other materials. Decomposes on heating emitting toxic fumes including those of nitrogen oxide.
Precautions for fire fighters:	Self-contained breathing apparatus if risk of exposure to products of decomposition. Wear full protective clothing. Fires should be fought from a protected location. Keep containers and adjacent areas cool with water spray. If safe to do so, remove containers from path of fire. A major fire may involve a risk of explosion in the event of contamination or strong confinement. An adjacent detonation may also involve the risk of explosion.

6. ACCIDENTAL RELEASE MEASURES

Wear protective equipment to prevent skin and eye contamination and inhalation of dust. Sweep up, but avoid generating dust. Collect and seal in properly labelled containers for disposal or reuse. Wash area down with excess water. Do not contaminate streams, rivers or waterways.

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7. HANDLING AND STORAGE

- Handling:** Avoid excessive generation of dust. Avoid contact with eyes. Avoid breathing dust. Use with adequate ventilation. Wear gloves when handling the product over long periods.
- Storage:** Store in a cool, dry place and away from combustible materials, herbicides and fungicides. This product when stored in a confined unventilated space/hold can give off an ammonia or other odour and lead to depletion of oxygen within this space and other confined spaces. It is therefore essential that ventilation is carried out prior to entry to all ship holds.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Exposure limits:** No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia).
- Engineering controls:** General ventilation. Local exhaust ventilation is recommended to avoid breathing dust. Keep containers closed when not in use.
- Personal Protective Equipment:**
- Eyes:*
Safety glasses with side shields.
 - Gloves:*
Avoid prolonged contact with skin; wear impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet.
 - Respiratory:*
Use an approved dust respirator to protect from dust.
 - Other:*
None
- Other Use Precautions:** Wash contaminated clothing and other protective equipment before storage or re-use. To be used strictly in accordance with label instructions.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Off-white or coloured granulated or crystalline solids.
- Odour:** Not available
- Vapour pressure:** Not available
- Vapour density:** Not available
- Boiling point:** Not available

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Freezing/melting point:	Not available
Solubility:	Partly soluble to soluble in water
Density:	Not available
pH:	Not available
Molecular Weight:	Not available
Flash Point:	Not Applicable
Flammability (explosive) limits:	Not Applicable
Auto-ignition temperature:	Not Applicable
Octanol/water partition coefficient:	Not available

10. STABILITY AND REACTIVITY

Chemical stability:	Strong oxidising agent
Hazardous polymerisation:	No information available
Conditions to avoid:	No information available
Incompatible materials:	No information available
Hazardous decomposition products:	Strong oxidising agent. Non-combustible, but will support combustion of other materials. Decomposes on heating emitting toxic fumes including those of nitrogen oxide.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

Information on Product:

Inhalation:	May cause respiratory irritation.
Skin contact:	Repeated or prolonged skin contact may cause irritation.
Eye contact:	Dust may cause irritation.
Ingestion:	Swallowing large amounts may result in anaemia, headaches, heart beat irregularities, cramps and breathing difficulties.

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Other: No other known health effects.

Chronic:

Not available

Information on Components: Not available

Acute:

Oral toxicity: Not available

Dermal toxicity: Not available

Inhalation toxicity: Not available

Skin irritation: Not available

Eye irritation: Not available

Sensitisation: Not available

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways with product.

Environmental fate: No data available

Mobility: No data available

Persistence / degradation: No data available

Ecotoxicological Information: No data available

13. DISPOSAL CONSIDERATIONS

Disposal of Waste Method:

Depending on degree or nature of contamination, dispose of by use as a fertiliser on farm or to an authorised waste facility.

Contaminated Packaging:

Empty containers must be handled according to local regulations.

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14. TRANSPORT INFORMATION

UN number: Not applicable

Proper shipping name: Not applicable

Class and Not classified as Dangerous Goods for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Subsidiary Risk: Not applicable

Packing Group: Not applicable

EPG: Not applicable

Hazchem code: Not applicable

15. REGULATORY INFORMATION

Based on available information, not classified as hazardous according to criteria of Worksafe Australia.

Poisons Schedule (Aust)/Toxic Substance (NZ): Exempt

16. OTHER INFORMATION

Trademark information:

Preparation information: Prepared for Grow Force

Data sources: Manufacturer MSDS

END OF MSDS