

MATERIAL SAFETY DATA SHEET

BARMAC AUTOFERT STARTER

1. IDENTIFICATION OF MATERIAL

PRODUCT NAME	AUTOFERT STARTER
OTHER NAMES	N/A
USE	Fertiliser
SUPPLIER	BARMAC PTY LTD ABN 21009674953
ADDRESS	3 MARY STREET BLACKSTONE QUEENSLAND 4304
EMERGENCY PHONE	(07) 3280 3000

2. HAZARDS IDENTIFICATION

HAZARD DESIGNATION: Not classified as hazardous by Worksafe Australia Criteria

RISK PHRASES: R36/37/38(Irritating to eyes, respiratory system and skin)

SAFETY PHRASES: See section 4, 5, 6, 7, 8, and 11

3. COMPOSITON/INFORMATION ON INGREDIENTS

<u>CHEMICAL ENTITY</u>	<u>CAS NO</u>	<u>PROPORTION</u>
Phosphoric Acid	7664-38-2	
Water	7732-18-5	
Urea	57-13-6	
Zinc Nitrate	7779-88-6	
Potassium Carbonate	584-08-7	
Kelp	N/A	

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4. FIRST AID MEASURES

SWALLOWED: Call a poison control centre or physician immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control centre or doctor. Do not give anything by mouth to an unconscious person.

EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth and get medical attention.

FIRST AID FACILITIES: Provide eye wash and shower facilities in workplace.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, chemical, foam, or water fog.

HAZARDS FROM COMBUSTING PRODUCTS: N/A

PRECAUTIONS FOR FIRE FIGHTERS: Wear positive pressure, self-contained breathing apparatus and full protective clothing. Avoid smoke inhalation. Contain any liquid run off.

6. ACCIDENTAL RELEASE MEASURES

SPILLS: Prevent product spillage from entering drinking water supplies or streams. Collect and package for disposal.

7. HANDLING AND STORAGE

STORAGE: Keep out of reach of children. Store in original container only in a cool, well-ventilated, dry location. Keep away from strong acids. Do not store near food or feeds. Do not stack pallets more than two (2) high.

FLAMMABILITY: Not Flammable

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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EXPOSURE STANDARDS: N/A

ENGINEERING CONTROLS: Well ventilated area, with correct storage facilities.

PERSONAL PROTECTION: Handlers must wear long-sleeved shirt and long pants, shoes plus socks, protective eyewear and particle mask.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Dark brown, viscous liquid with strong organic odour.

FLASHPOINT (°C): N/A

BOILING POINT (°C): N/A

FLAMMABILITY LIMITS (%): N/A

VAPOUR PRESSURE (@100°C): N/A

SOLUBILITY IN WATER (g/L): Soluble

SPECIFIC GRAVITY: N/A

pH: 1.7

10. STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY: Strongly alkaline material

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may result in formation of carbon monoxide fumes.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

EYES: Moderate irritant.

SKIN: Slight irritant, especially from prolonged exposure. May cause redness, drying and cracking.

INGESTION: Moderate irritant. May cause nausea, abdominal discomfort, vomiting and diarrhea.

INHALATION: May cause irritation of nasal mucous membranes.

12. ECOLOGICAL INFORMATION

No ecological hazards expected

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13. DISPOSAL CONSIDERATIONS

Dispose of waste according to local, state and federal regulations for non hazardous waste. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal.

14. TRANSPORT INFORMATION

Not classified as a Dangerous Good for transport.

UN NUMBER: N/A

HAZCHEM CODE: N/A

DANGEROUS GOODS CLASS: N/A

POISONS SCHEDULE: N/A

15. REGULATORY INFORMATION

N/A

16. OTHER INFORMATION

Information for this product is believed to be reliable, however buyer and user assume all risk of use, handling and storage whether in accordance with directions or not. Barmac Pty Ltd and its agents give no guarantee or warranty of any kind express or implied concerning the use of this product and will not accept any responsibility whatsoever whether in contract or tort for any loss including consequential loss arising out of the use of this product or caused by this product.
