

DATE OF ISSUE: 24<sup>TH</sup> APRIL 2009

**BARMAC INDUSTRIES PTY LTD**  
**BOX FLAT ESTATE SWANBANK RD. SWANBANK Q 4306**  
**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME: BARMAC MANNI-PLEX Cal-Mag**  
**PHONE: (07) 3280 3000**  
**EMERGENCY AFTER HOURS NUMBER: (07) 3280 3000**

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Not classified as HAZARDOUS by Worksafe Australia Criteria

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**IDENTIFICATION**

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**OTHER NAMES: N/A**  
**USE: Calcium and Magnesium fertilizer**  
**UN NUMBER: N/A**  
**HAZCHEM CODE: N/A**  
**DANGEROUS GOODS CLASS: N/A**  
**POISONS SCHEDULE: N/A**

**PHYSICAL DESCRIPTION/PROPERTIES**

**APPEARANCE: Blue Liquid**  
**FLASHPOINT ( ° C): N/A**  
**BOILING POINT ( ° C): N/A**  
**FLAMMABILITY LIMITS (%): N/A**  
**VAPOUR PRESSURE (\_\_\_): None**  
**SOLUBILITY IN WATER (g/L): Miscible.**  
**SPECIFIC GRAVITY: N/A**

**HAZARDOUS INGREDIENTS:**

<b><u>CHEMICAL ENTITY</u></b>	<b><u>CAS NO</u></b>	<b><u>PROPORTION</u></b>
Magnesium Nitrate	13446-18-9	28.38%

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**HEALTH HAZARD INFORMATION**

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**HEALTH EFFECTS**

**ACUTE:**

**SWALLOWED:** May cause stomach cramps and/or nausea.

**EYES:** May cause temporary eye irritation.

**SKIN:** Moderate irritant, especially from prolonged use. May cause redness.

**INHALED:** None expected but inhalation may cause mild irritation of nasal mucous membranes.

**CHRONIC:** N/A

**FIRST AID**

**SWALLOWED:** If conscious and alert, administer water or milk to dilute, then induce vomiting. Call a poison control center or physician immediately. Do not give anything by mouth to an unconscious person.

**EYES:** Rinse eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

**SKIN:** Wash with plenty of soap and water. Remove all contaminated clothing and shoes. Get medical attention if irritation persists.

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

**FIRST AID FACILITIES:** N/A

**ADVICE TO DOCTOR:** Treat symptomatically.

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**PRECAUTIONS FOR USE**

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**EXPOSURE STANDARDS:** N/A

**ENGINEERING CONTROLS:** N/A

**PERSONAL PROTECTION:**

**EYES:** Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.

**SKIN:** Impervious gloves and clothes.

**RESPIRATORY:** Not normally needed. If use generates an aerosol mist or respiratory irritation, use appropriate dust/mist respirator .

**VENTILATION:** Recommended but no TLV established.

**FLAMMABILITY:** Non flammable

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**SAFE HANDLING INFORMATION**

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**STORAGE AND TRANSPORT:** Store in original container only in a cool, well ventilated, dry place at temperatures between 5 and 35°C. Do not store near food or feeds. Do not stack pallets more than two (2) high. Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, and valves, ECT.

**TRANSPORTATION:**

Not Classified as a Dangerous Good for transport.

**WORK/HYGIENIC PRACTICES:** Keep out of reach of children. Harmful if swallowed. Avoid breathing spray mists or vapours. Avoid contamination of feed or foodstuffs. After using this product remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water.

**SPILLS AND DISPOSAL:** Prevent product spillage from entering drinking water supplies or streams. Collect liquid or absorb onto absorbent material and package for disposal. Dispose of waste in accordance with state and local waste disposal regulations. Do not contaminated lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment wash waters. Dispose of waste effluents in accordance with state and local waste disposal regulations. 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.

**FIRE/EXPLOSION HAZARD:**

Burning may result in formation of carbon monoxide.

**EXTINGUISHING MEDIA:** Foam, carbon dioxide, and dry chemical or water fog.

**SPECIAL FIREFIGHTING PROCEDURES:** Wear positive pressure, self-contained breathing apparatus and full protective clothing. Avoid smoke inhalation. Contain any liquid run off.

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**STABILITY AND REACTIVITY**

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**STABILITY:** Stable.

**CONDITIONS TO AVOID:** N/A

**INCOMPATIBILITY:** N/A

**HAZARDOUS DECOMPOSITION PRODUCTS:** Burning may produce carbon monoxide

**HAZARDOUS POLYMERIZATION:** Will not occur.

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NOTICE: 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 Industries 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.

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