

DATE OF ISSUE: 24TH DECEMBER 2007

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

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

Not classified as HAZARDOUS by Worksafe Australia Criteria

IDENTIFICATION

**OTHER NAMES: N/A
USE: Micronutrient Fertilizer
UN NUMBER: N/A
HAZCHEM CODE: N/A
DANGEROUS GOODS CLASS: N/A
POISONS SCHEDULE: N/A**

PHYSICAL DESCRIPTION/PROPERTIES

**APPEARANCE: Blue liquid with no odour.
FLASHPOINT (° C): Does not flash.
BOILING POINT (° C): N/A
FLAMMABILITY LIMITS (%): N/A
VAPOUR PRESSURE (___): None
SOLUBILITY IN WATER (g/L): Miscible.
SPECIFIC GRAVITY: N/A**

INGREDIENTS:

| <u>CHEMICAL ENTITY</u> | <u>CAS NO</u> | <u>PROPORTION</u> |
|-------------------------------|----------------------|--------------------------|
| Non hazardous ingredients | | 100% |

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE:

SWALLOWED: May cause stomach cramps and/or nausea.

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EYES: May cause temporary eye irritation.

SKIN: May cause slight irritation, 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 Poisons Information Centre 13 11 26 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 infected skin with plenty of soap and water. Remove all contaminated clothing and shoes. Wash before re-use. 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.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS: N/A

ENGINEERING CONTROLS: N/A

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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

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT: Store in original container only in a cool, well ventilated, dry place at temperatures between 5 and 40°C. Keep out of reach of children. 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.

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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:
None expected.

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.

STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: Not available.

INCOMPATIBILITY: Not available.

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

HAZARDOUS POLYMERIZATION: Will not occur.

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.
