

DATE OF ISSUE: 24<sup>TH</sup> DECEMBER 2007

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

**PRODUCT NAME: BARMAC AUTOFERT LIQUID**

**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:** Barmac Autofert Liquid

**USE:** Fertiliser (soil nutrient)

**UN NUMBER:** Not applicable

**HAZCHEM CODE:** Nil

**DANGEROUS GOODS CLASS:** Not applicable

**POISONS SCHEDULE:** Exempt

**PHYSICAL DESCRIPTION/PROPERTIES**

**APPEARANCE:** Dark brown liquid, slight odour.

**FLASHPOINT ( ° C):** Non flammable

**BOILING POINT ( ° C):** No data

**FLAMMABILITY LIMITS (%):** Not applicable

**VAPOUR PRESSURE (\_\_\_):** Not applicable

**SOLUBILITY IN WATER (g/L):** Insoluble

**SPECIFIC GRAVITY:** N / A

**INGREDIENTS**

**CHEMICAL ENTITY**

**CAS NO**

Diammonium Phosphate

7783-28-0

Urea

57-13-6

Potassium Nitrate

7757-79-1

Iron Chelate

21626-24-4

Zinc Chelate

14025-21-9

Manganese Chelate

15375-84-5

Copper Chelate

14025-15-1

Water

7732-18-5

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**HEALTH HAZARD INFORMATION**

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**HEALTH EFFECTS:** Not considered to be a health hazard under normal circumstances

**ACUTE:** Not applicable

**SWALLOWED:** Ingesting of very large amounts may cause diarrhoea, nausea, vomiting and cramps.

**EYES:** Can cause mild irritation to eyes.

**SKIN:** Mildly irritating to skin. If exposed to frequent and prolonged contact it can cause dermatitis or skin irritations. No effect should occur if the product is promptly washed off.

**INHALED:** If the product is present in high concentrations of airborne dust, prolonged contact may cause irritation to the nose and throat.

**CHRONIC:** Not applicable

**FIRST AID**

**SWALLOWED:** Swallowing small quantities is not normally harmful. If swallowed immediately rinse mouth out with water. Seek medical advice.

**EYES:** Hold eye open, flood with copious amounts of water for 15 minutes and see a doctor. It is recommended that permanent or mobile eye wash stations be provided when handling this product.

**SKIN:** A small amount of skin contact is not normally harmful. Remove contaminated clothing and wash skin thoroughly with soap and water. Launder contaminated clothing before re-use.

**INHALED:** Inhalation is not normally harmful. Recovery is rapid after removal from exposure. If symptoms are experienced, remove source of contamination or remove victim to fresh air.

**FIRST AID FACILITIES:** It is important to have eye irrigation stations in areas where contact with Barmac Autofert Liquid is a hazard.

**ADVICE TO DOCTOR:** Treat symptomatically, as for strong acids. Consult poisons information centre.

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**EXPOSURE STANDARDS:** No exposure limit has been assigned to this product. Where no specific exposure standard has been assigned, the recommended exposure level for dust in general shall be 10mg/m<sub>3</sub> measured as inspirable dust. The exposure limit is expressed as a time weighted average (TWA) concentration over an eight hour working shift, for a 5 day working week, and is the limit recommended by the supplier of this material.

**ENGINEERING CONTROLS:** No special ventilation is required.

**PERSONAL PROTECTION:** When using do not eat, drink or smoke. Wash thoroughly before smoking, eating or using toilet facilities. Wear overalls, boots, gloves, dust masks and safety goggles. Avoid inhaling dust. Where high concentrations of airborne dust is present, respirators conforming to AS1716 should be worn.

**FLAMMABILITY:** Non flammable.

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**SAFE HANDLING INFORMATION**

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**STORAGE AND TRANSPORT:** Not classified as dangerous goods. Store in a cool place. Store apart from combustible materials, herbicides and fungicides.

**SPILLS AND DISPOSAL:** Small spills can be swept for re-use. Or can be sluiced away with large quantities of water to drains. Large spills, (>100kg), should be swept up and shovelled into containers for reclamation. Add any broken packages to the container. Sluice down the spill area with large quantities of water. Do not contaminate streams, rivers or water courses.

**FIRE/EXPLOSION HAZARD:** Non flammable. For fires involving this material: Decomposition may give rise to toxic and noxious fumes. Spray water on decomposing mass and fight fire upwind if outdoors. In smoke or fumes wear self-contained breathing apparatus. Do not use more water than is necessary and contain run off. Advise Fire Brigade of nature of hazard.

**OTHER INFORMATION:** Stable under ordinary conditions of use and storage.

**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

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