

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 BARMINEL

PHONE: (07) 3280 3000

EMERGENCY AFTER HOURS NUMBER: (07) 3280 3000

Classified as hazardous by Worksafe Australia Criteria

IDENTIFICATION

OTHER NAMES: Nil

USE: A trace element blend for agriculture and horticulture.

UN NUMBER: N/A

HAZCHEM CODE: N/A

DANGEROUS GOODS CLASS: N/A

POISONS SCHEDULE: N/A

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE: Predominantly off white crystalline solid

FLASHPOINT (°C): N/A

MELTING POINT (°C): N/A

FLAMMABILITY LIMITS (%): N/A

VAPOUR PRESSURE (___): N/A

SOLUBILITY IN WATER (g/L): Soluble

SPECIFIC GRAVITY: N/A

INGREDIENTS

<u>CHEMICAL ENTITY</u>	<u>CAS NO.</u>	<u>PROPORTION</u>
Magnesium Sulphate	10034-99-8	>50%
Ferrous Sulphate	7782-63-0	<20%
Copper Sulphate	7758-99-8	<10%
Manganese Sulphate	7785-87-7	<20%
Zinc Sulphate	7446-20-0	<10%
Sodium Tetraborate Decahydrate	1303-96-4	<10%
Sodium Molybdate	10102-40-6	<10%
Cobalt Sulphate	10124-43-3	<10%

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 BARMINEL

PHONE: (07) 3280 3000

EMERGENCY AFTER HOURS NUMBER: (07) 3280 3000

Classified as hazardous by Worksafe Australia Criteria

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE:

SWALLOWED: While the major ingredients have relatively low toxicity some of the minor ingredients are toxic. The product therefore must be considered harmful if swallowed particularly in large quantities. Symptoms will most likely include diarrhea, abdominal cramps and nausea. Because of the high number of ingredients symptoms may vary widely between individuals.

EYES: Dusts or spray solutions may irritate eyes.

SKIN: Not rapidly absorbed through intact skin or mucous membranes. Penetration will rapidly occur through open wounds, burned skin and areas of active dermatitis if exposed to powder or strong aqueous solutions.

INHALED: Exposure to dust or spray solution may cause acute irritation, which may worsen with increased temperature. Symptoms include nasal irritation, coughing and some chest discomfort.

FIRST AID

SWALLOWED: If swallowed and if more than 15 minutes from a hospital, induce vomiting preferably using IPECAC SYRUP APF. Contact a doctor or Poisons Information Centre.

EYES: If in eyes, hold eyelid open and irrigate for 15 minutes. See a doctor.

SKIN: Product should be washed from broken areas of skin immediately, using copious quantities of water. Wash exposed skin with soap and water for 15 minutes after use.

INHALED: Move victim to fresh air. If severe exposure has occurred see a doctor.

FIRST AID FACILITIES: No special first aid facilities are necessary although a supply of IPECAC Syrup APF should be available at all times.

ADVICE TO DOCTOR: Treat symptomatically.

PRECAUTIONS FOR USE

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 BARMINEL

PHONE: (07) 3280 3000

EMERGENCY AFTER HOURS NUMBER: (07) 3280 3000

Classified as hazardous by Worksafe Australia Criteria

EXPOSURE STANDARDS: No TWA has been set for this material or the major ingredients.

ENGINEERING CONTROLS: Controls that assure no significant generation of dust occurs should be implemented.

PERSONAL PROTECTION: An appropriate dust mask should be used when handling powder. Cover broken skin before use.

FLAMMABILITY: Product is not flammable.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT: Product should be stored in the closed original container in a cool area away from direct sunlight. Do not store near food or feed or other items intended for human consumption. Keep out of reach of children. Product is not classified as dangerous in respect to transportation.

SPILLS AND DISPOSAL: Spills should be swept or vacuumed and stored in sealed drums for repackaging or disposal. Avoid breathing dust. Product should be disposed of at an approved land fill or other sites as approved by local authorities.

FIRE/EXPLOSION HAZARD: Material is not flammable. Avoid allowing runoff to contaminate waterways. If product is involved in a fire it is likely that oxides of sulphur may be emitted. Firefighters should wear breathing apparatus and all other persons kept upwind of fumes.

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.
