

DATE OF ISSUE: 10th JANUARY 2008

**BARMAC INDUSTRIES PTY LTD
BOX FLAT ESTATE SWANBANK RD. SWANBANK Q 4306**

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: BARMAC CARBOCAL DG

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: FERTILZER

UN NUMBER: N/A

HAZCHEM CODE: N/A

DANGEROUS GOODS CLASS: N/A

POISONS SCHEDULE: N/A

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE: Greyish-white, Granulate.

FLASHPOINT (°C): N/A

BOILING POINT (°C): N/A

FLAMMABILITY LIMITS (%): Product is not flammable

VAPOUR PRESSURE (___): N/A

SOLUBILITY IN WATER (g/L): 0.016g/L

SPECIFIC GRAVITY: N/A

INGREDIENTS

CHEMICAL ENTITY

CAS NO

PROPORTION

Calcium carbonate

471-34-1

Calcium lignosulfonate

8061-52-7

Magnesium carbonate

7757-69-9

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HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE: LD/LC50 values that are relevant for classification: 471-34-1 calcium carbonate Oral LD 6450 mg/kg (rat)

SWALLOWED: May cause irritation to trachea, nausea and even vomiting.

EYES: Eye irritation is possible after mechanical influence (dust).

SKIN: No irritation, but slight irritation or redness is possible after long or repeatedly mechanical contact.

INHALED: Inhalation may cause respiratory tract irritation.

CHRONIC:

FIRST AID

SWALLOWED: Rinse out mouth and then drink plenty of water. If symptoms persist consult doctor.

EYES: Rinse opened eye for several minutes under running water. If symptoms persist consult doctor.

SKIN: Wash with water and soap.

INHALED: Supply fresh air, consult doctor in case of complaints.

FIRST AID FACILITIES: First Aid must be available.

ADVICE TO DOCTOR: Symptomatic treatment.

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PRECAUTIONS FOR USE

EXPOSURE STANDARDS: Observe general threshold limit for dust.

ENGINEERING CONTROLS: Ensure adequate ventilation to maintain exposure levels at a minimum.

PERSONAL PROTECTION: The usual precautions measures should be adhered to when handling chemicals. Vacuum clean contaminated clothing. Do not blow or brush off contamination. Wash before breaks and at the end of work. Do not inhale dust/smoke/mist. Avoid close or long term contact with skin. Avoid contact with the eyes. Use skin protection cream for skin protection.

Breathing equipment: Use suitable respiratory protective device in case of insufficient ventilation. Short term filter device: Filter P2

Protection of hands: Protective gloves or protective skin cream. To avoid skin problems reduce the wearing of gloves to the required minimum. Prior to contact with the water insoluble substance/ product/ preparation apply watersoluble skin-protecting agent (fat-free film former or O/W-emulsions). After use of gloves apply skin-cleaning agents and skin cosmetics.

Material gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. For undissolved solid substances following materials may be suitable: (Butyl rubber, BR), (Natural rubber, NR), (PVC), (Polychloroprene rubber (CR)), (Fluorocarbon rubber (FKM)). Adjust selection of glove material to the other substances used.

Penetration time of glove material: The exact break-through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: At formation of dust or insufficient ventilation. Tightly sealed goggles.

Body protection: Protective work clothing.

FLAMMABILITY: Product is not flammable.

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SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT:

HANDLING:

Ensure good ventilation/exhaustion at the workplace. Prevent formation of dust. Any deposit of dust which cannot be avoided must be regularly removed. Avoid inhalation of dust. Avoid contact with eyes and skin.

STORAGE:

Store container tightly sealed at a cool and dry place with sufficient ventilation. Do not store together with acids.

SPILLS AND DISPOSAL: Disposal according to instructions of local authorities. Product is used as a fertilizer. Before depositing check the possibility for agricultural use. Packaging that cannot be cleansed are to be disposed of in the same manner as the product. If not officially regulated non contaminated packagings can be used for recycling or treated like household garbage. Disposal must be made according to official regulations.

FIRE/EXPLOSION HAZARD: The product is not flammable. Select fire and explosion prevention measures according to the other substances stored/used.

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.
