

DATE OF ISSUE 1st OCTOBER 2005

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

PRODUCT NAME: BARMAC ZIRAM DG

PHONE: (07) 3280 3000

EMERGENCY AFTER HOURS NUMBER: (07) 3280 3000

Classified as hazardous by Worksafe Australia Criteria

IDENTIFICATION

OTHER NAMES: Ziragranz

USE: An agricultural fungicide for the control of black spot and other fungal diseases as specified on the product label.

UN NUMBER: N/A

HAZCHEM CODE: N/A

DANGEROUS GOODS CLASS: N/A

POISONS SCHEDULE: 6

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE: Creamy white granule.

FLASHPOINT (°C): N/A

BOILING POINT (°C): N/A

FLAMMABILITY LIMITS (%): N/A

VAPOUR PRESSURE : < 0.01 at 20 degrees °C

SOLUBILITY IN WATER (g/L): 0.065

SPECIFIC GRAVITY: bulk density 0.35 g/mL

INGREDIENTS

CHEMICAL ENTITY

CAS NO.

PROPORTION

Ziram

137 - 30 - 4

76 %

Non Hazardous
Additives

24%

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HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE:

SWALLOWED: Product is harmful if swallowed. Product is corrosive. Repeated exposure may cause allergenic disorders.

EYES: Will irritate the eyes.

SKIN: May irritate the skin. Harmful if skin absorption occurs.

INHALED: Will irritate mucous membranes.

CHRONIC: Effects of chronic overexposure are not known. There is no evidence in animal studies of oncogenic effects, carcinogenic effects or teratogenic potential.

FIRST AID If poisoning occurs contact a doctor or Poisons Information Centre (phone 131 126).

SWALLOWED: Contact a doctor or Poisons Information Centre (phone 131 126). Avoid giving alcohol.

EYES: If in eyes, hold eyelids open, flood with water for at least 15 minutes and see a doctor.

SKIN: If skin contact occurs remove contaminated clothing and wash skin thoroughly.

INHALED: Remove from contaminated area. Apply artificial respiration if not breathing.

ADVICE TO DOCTOR: Treat according to symptoms. Contact Poisons Information Centre.

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PRECAUTIONS FOR USE

EXPOSURE STANDARDS: NOHSC exposure standards have not been allocated for the active constituent nor the excipients in the formulation.

ENGINEERING CONTROLS: Not applicable.

PERSONAL PROTECTION: Avoid contact with the skin, eyes and clothing through use of appropriate clothing and gloves and footwear. An agricultural respirator should be worn when handling or spraying product.

FLAMMABILITY: Product is not flammable under normal conditions of use.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT: Store in the closed, original container in a dry, well-ventilated area, as cool as possible out of direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilizer. Do not allow product to become wet or overheated in storage.

SPILLS AND DISPOSAL: Spillages should be contained and placed in sealed containers. Product should be vacuumed in preference to sweeping to avoid generation of dust. Disposal should take place by industrial incineration or at a land fill site approved by appropriate authorities.

FIRE/EXPLOSION HAZARD: Product is not flammable. Dust explosions may be a risk if dust levels are allowed to become too great. If involved in a fire use full protective clothing including breathing apparatus. If exposed to extreme heat or flames product may give off oxides of nitrogen and sulphur.

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

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