

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 FUNGOL

PHONE: (07) 3280 3000

EMERGENCY AFTER HOURS NUMBER: (07) 3280 3000

Not classified as hazardous by Worksafe Australia Criteria

IDENTIFICATION

OTHER NAMES: Rovral

USE: For use as an agricultural fungicide

UN NUMBER: N/A

HAZCHEM CODE: 2X

DANGEROUS GOODS CLASS: N/A

POISONS SCHEDULE: N/A

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE: A viscous, white, aqueous suspension with no odour. Liquid.

FLASHPOINT (°C): Non flammable

BOILING POINT (°C): Greater than 100°C

FLAMMABILITY LIMITS (%): Not applicable

VAPOUR PRESSURE (___): 5×10^{-7} Pa at 25°C

SOLUBILITY IN WATER (g/L): Disperses in water

SPECIFIC GRAVITY: 1.153

INGREDIENTS

<u>CHEMICAL ENTITY</u>	<u>CAS NO</u>	<u>PROPORTION</u>
Iprodione	36734-19-7	500 g/L
Water	7732-18-5	30 – 60%
Other Ingredients	(non hazardous)	to 100%

HEALTH HAZARD INFORMATION

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HEALTH EFFECTS

ACUTE:

SWALLOWED: Acute oral LD₅₀ (technical iprodione) for rats and mice > 2,000 mg/kg.

EYES: May be an eye irritant.

SKIN: Studies indicate that this product is not a skin irritant or sensitizing agent. Acute percutaneous LD₅₀ (technical iprodione) for rats >5.15 mg/L.

INHALED: May irritate mucous membranes of nose and mouth. Acute inhalation LD₅₀ (4 h) (technical iprodione) for rats >5.15 mg/L.

CHRONIC: In 2 year feeding trials (technical iprodione), rats receiving 150 mg/kg diet, and dogs receiving 18 mg/kg b/w (1 year study) showed no ill-effects. Non-mutagenic. Non-genotoxic. Non-teratogenic. Non-carcinogenic.

FIRST AID

SWALLOWED: If swallowed do NOT induce vomiting; Seek medical advice. Show this MSDS to a medical practitioner. Prevent vomit from entering the lungs by careful placement of the patient.

EYES: Immediately irrigate with copious quantities of water for at least 15 minutes. Seek medical assistance. Show this MSDS to a medical practitioner.

SKIN: Remove contaminated clothing. Wash affected areas with plenty of soap and water.

INHALED: Remove victim to fresh air. Seek medical advice. Show this MSDS to a medical practitioner.

FIRST AID FACILITIES: Ensure washing facilities are available and clear. First Aid Kits are within range.

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ADVICE TO DOCTOR: No specific antidote known. Treat symptomatically.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS: No occupational exposure standards have been established for the product or its ingredients.

ENGINEERING CONTROLS: Use in a well-ventilated area only.

PERSONAL PROTECTION: Avoid contact with eyes and skin. Personal Protection Equipment should be worn, overalls buttoned to neck and wrist and a washable hat, elbow-length PVC gloves and eye protection. If product gets on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

FLAMMABILITY: Non flammable.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT: Keep out of reach of children. Wear long sleeved overalls and gloves while handling. After handling and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water. Store in the closed, original container in a well-ventilated area, as cool as possible. DO NOT store for prolonged periods in direct sunlight. Keep away from frost. Must be stored and transported according to local State/Territory and Federal regulations.

SPILLS AND DISPOSAL: Avoid contact with eyes, skin and clothing or inhalation of product.

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Dealing with spills and disposals may result in the potential for increased personal exposure. During such operations it is recommended that the following protective clothing is worn:

- Cotton overalls buttoned to the neck and wrist
- Elbow length PVC gloves
- Eye protection

CONTAIN SPILL and absorb with earth, sand, sawdust, clay, sweeping material or absorbent material and store in properly labelled, sealed drums for safe disposal in an approved landfill, or bury under at least 500 mm of soil in a non-crop, non-pasture area away from water sources or homes. DO NOT burn empty containers or product. Deal with all spillages immediately. Keep people away and upwind. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

Triple, or preferably pressure rinse containers before disposal. Add rinsings to the spray tank. Do not dispose of undiluted chemicals on-site. Break, crush or puncture and bury empty containers in local authority landfill. If not available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers or product should not be burnt.

FIRE/EXPLOSION HAZARD: Extinguish fire using: Water spray, Carbon Dioxide, Foam, Dry agent.

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.
