

MATERIAL SAFETY DATA SHEET

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Date of Issue: March 2008
MSDS No. FMC/HGGT/1

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **HOMEGUARD® GT**
GRANULAR TERMITICIDE

Other Names: Bifenthrin.
Use: Termite cavity protection for pre-construction use in buildings and other structures.
Company: FMC Australasia Pty Ltd.
Address: Unit 6, 9 Archimedes Place, Murarrie, Qld 4172
Telephone Number: 07 3908 9222 **Fax Number:** 07 3908 9221
Emergency Telephone Number: 1800 033 111 (All hours - Australia wide).

SECTION 2 HAZARDS IDENTIFICATION

Not classified as hazardous according to criteria of NOHSC Australia.
Not classified as a Dangerous Good according to the ADG Code.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:	CAS NUMBER	PROPORTION
CHEMICAL		
Bifenthrin	82657-04-3	1 g/kg
Other ingredients determined not to be hazardous	mixture	To 100 %

SECTION 4 FIRST AID MEASURES

FIRST AID

Swallowed: If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia (13 11 26).

Eye: Particulates may scratch eye surfaces and/or cause mechanical irritation. Remove from eye as for any foreign object. If irritation persists, obtain medical attention.

Skin: After handling, and before eating, drinking, smoking or going to the toilet wash with soap and water.

Inhaled: In case of adverse exposure to vapours that may be formed at point of combustion temperatures, remove patient to fresh air. If breathing discomfort occurs, obtain medical attention.

Advice to Doctors: Concern should be taken of the physical damage that the GT may cause if ingested. The plastic granule is polymer, which is considered non-toxic. Bifenthrin, the active ingredient in this product, is a pyrethroid insecticide. The level of bifenthrin in the GT (0.1%) is considered to be so low as to not be toxic, and tests have shown that the bifenthrin is not available for release from the granule. Treatment is otherwise symptomatic and supportive.

SECTION 5 FIRE FIGHTING MEASURES

Specific Hazard: Thermal decomposition and burning may produce toxic byproducts.

Extinguishing media: Foam, CO₂ or dry chemical. Soft stream water fog if no alternatives. Contain all runoff.

Hazards from combustion products: On burning, will emit toxic fumes of carbon monoxide, carbon dioxide, hydrogen chloride, chlorine, fluorine and hydrogen fluoride etc.

Precautions for fire-fighters and special protective equipment: Isolate fire area. Evacuate downwind. Wear full protective clothing and self-contained breathing apparatus. Do not breathe or contact smoke, gases or vapours generated.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Emergency procedures: Pick up spilled granules. If unable to use as directed on the label, re-seal granules in a plastic bag. Wash hands and arms with soap and water after handling GT.

Material and methods for containment and cleanup procedures: Not applicable to this product.

Do NOT allow product to enter sewers, drains, dams, creeks or any other waterways.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling: Generally no special precautions are required. Wash hands after use.

Conditions for Safe Storage: Store in closed original packaging, in a cool, well ventilated area away from children, animals, food and feedstuffs. Do not store for prolonged periods in direct sunlight. Do not use or store near heat, open flame or hot surfaces. Do NOT allow product to enter sewers, drains, creeks or any other waterways.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**National Exposure Standards:**

No exposure standard for bifenthrin has been established by NOHSC Australia.

Biological Limit Values:

No biological limit allocated.

Engineering controls:

Use in ventilated areas.

Personal Protective equipment (PPE):

Work Clothing: No special protective clothing is required. As a good work practice, wear clothing that minimises skin contact with GT.

Personal Hygiene: Wash hands and arms before eating, drinking or smoking.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark cylindrical granules.

Odour: No odour.

Boiling point: Not relevant - solid at ambient temperatures.

Freezing point: Not relevant - solid at ambient temperatures.

Bulk Density: 360 g/m³.

pH: Not available.

Solubility in Water: Not soluble.

Flammability: This material may support combustion at elevated temperatures.

Always put unused or spilled granules back into its original packaging for re-use.

Dangerous to Fish: Do NOT allow product to enter sewers, drains, dams, creeks or any other waterways.

SECTION 14 TRANSPORT INFORMATION

Homeguard GT is not classified as a Dangerous Goods.

SECTION 15 REGULATORY INFORMATION

Not classified as a hazardous substance according to criteria of NOHSC Australia.

Under the Standard for Uniform Scheduling of Drugs and Poisons (SUSDP No. 19), this product is not a scheduled poison.

Product is not classified as a Dangerous Good according to the ADG Code (6th Ed), the International Maritime Dangerous Goods (IMDG) Code and the International Air Transport Association (IATA).

SECTION 16 OTHER INFORMATION

Issue Date: March 2008 (first issue).

Key to abbreviations and acronyms used in this MSDS:

ADG Code Australian Dangerous Goods Code (for the transport of dangerous goods by Road and Rail).

Genotoxic Capable of causing damage to genetic material, such as DNA.

NOHSC National Occupational Health and Safety Commission.

PPE Personal protective equipment.

Teratogenic Capable of causing abnormalities in a developing foetus (causing birth defects).

References

1. "National Exposure Standards for Atmospheric Contaminants in the Occupational Environment". NOHSC Australia, Guidance Note NOHSC:3008(1995).
2. "List of Designated Hazardous Substances". NOHSC Australia. NOHSC:10005(1999).
3. "Draft Approved Criteria for Classifying Hazardous Substances" 3rd Ed. NOHSC Australia. [NOHSC:1008 (2003)]. April 2003.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

End of MSDS