

MATERIAL SAFETY DATA SHEET

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STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia.

COMPANY DETAILS:

Company: Aventis CropScience Pty Ltd A.C.N. 000 226 022
Address: 391 – 393 Tooronga Road, East Hawthorn, Victoria 3123
Telephone / Facsimile: (03) 9248 6888 / (03) 9248 6800
Website Address: www.aventis.com.au
Emergency Telephone Number: 1800 033 111 – SHE Pacific

IDENTIFICATION

Product Name: **Kordon® Termite Moisture Barrier**
Kordon® Termite Barrier

Other Names: Kordon TMB, Kordon Blanket

Manufacturer's Product Code: Not applicable

SAP Product Code: Kordon Termite Moisture Barrier:
182648 (50 m x 1.3 m), 182656 (50 m x 1.5 m)
Kordon Termite Barrier: 998080 (50 m x 350 mm)

UN Number: Not applicable

Dangerous Goods Class and Subsidiary Risk: Not classified as dangerous goods for road and rail transport

Hazchem Code: Not applicable

Proper Shipping Name: Not applicable

Packaging Group: Not applicable

EPG: Not applicable

Chemical Family: Pyrethroid

Poisons Schedule Number: Exempt from poison scheduling

Use: A "blanket" for installation under buildings during construction to prevent attack by termites. The inner layer is impregnated with the insecticide, deltamethrin.

Physical Description/Properties

Appearance: A laminated plastic blanket comprised of an orange upper layer, a woven central layer, and a black bottom layer.

Boiling Point: Not applicable

Vapour Pressure: Negligible

Specific Gravity: Not applicable

Flashpoint: Not applicable

Flammability Limits: Not applicable

Solubility in Water: Insoluble

Other Properties:

Percent volatiles: Negligible

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Ingredients:

Chemical Name:	CAS Number:	Proportion (g/m ²):
Deltamethrin	[52918-63-5]	1
Propylene glycol	[57-55-6]	6

HEALTH HAZARD INFORMATION

Health Effects:

Acute:

Swallowed: Not applicable

Eye: Irritating. Eye contact may occur if the chemical is transferred from the hands to the eyes during handling and cutting.

Skin: Irritating. Skin contact with the inner chemically-treated layer of the Kordon Termite Barrier can occur by touching the edges of the product and during the cutting operation. Contact with the skin, especially the face, may result in initial stinging or burning sensations followed by numbing which may persist for a few hours.

Inhaled: Not applicable

Chronic: Deltamethrin is not mutagenic, carcinogenic or teratogenic.

First Aid

If poisoning occurs, immediately contact a doctor or Poisons Information Centre (telephone 13 11 26), and follow the advice given. Show this Material Safety Data Sheet to a doctor.

Swallowed: Not applicable

Eye: Rinse immediately with plenty of water for at least 15 minutes, holding eye open. Seek advice from an ophthalmologist.

Skin: Remove all contaminated clothing. Wash off skin immediately with soap and plenty of water. Seek medical advice if irritation persists. Launder contaminated clothing before re-use.

Inhaled: Not applicable

First Aid Facilities: Provide an eyewash station in the workplace.

Advice to Doctor: Treat symptoms. Skin contacted by deltamethrin must be carefully cleaned with cleansing milk. Symptoms can be partially alleviated by the application of a moisturising cream or anaesthetic ointment.

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PRECAUTIONS FOR USE

- Exposure Standards:** No exposure standard has been assigned by the National Occupational Health and Safety Commission (Worksafe Australia). Aventis recommends an Occupational Exposure Standard for deltamethrin of 0.28 mg/m³. The manufacturer of propylene glycol recommends a TWA exposure limit of 10 mg/m³ mist (400 ppm vapour).
- Engineering Controls:** No special ventilation is required, as this product is not volatile. Control process conditions to avoid contact.
- Personal Protection:**
- Eyes: Not normally required. Safety goggles can be worn if exposure is likely.
 - Clothing: Wear full-length work clothes to protect skin if exposure is likely.
 - Gloves: Elbow-length PVC gloves
 - Other: Do not eat, drink or smoke until after washing. Wash thoroughly after handling. After work wash gloves, goggles and contaminated clothing.
- Flammability:** Not flammable.

SAFE HANDLING INFORMATION

Storage and Transport:

Corrosivity Hazards: Avoid iron and alloys.

Handling & Storage Precautions: Store product in the closed, original container in a safe, cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Transport: This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Spills and Disposal:

Spillage or Leak: Not applicable

Procedures:

Waste Disposal Methods: Bury unwanted product in a local authority landfill. If no landfill is available, bury below 500 mm in a disposal pit specifically marked and set up for the purpose, clear of waterways, desirable vegetation and tree roots. Unwanted product should not be burnt.

Fire/Explosion Hazard:

Extinguishing Media: Water spray, carbon dioxide, foam, dry chemical. Do not use a water jet from a fire hose.

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Special Fire Fighting Procedures: Heating/combustion will generate oxides of carbon and nitrogen, and other irritant and toxic fumes. Fire fighters should wear full protective clothing and self-contained breathing apparatus. Do not release contaminated water into the environment.

Reactivity Hazards: Stable under normal conditions. No hazards are expected if the material is handled, stored and used according to instructions and government regulations. Not known to produce hazardous reactions. Avoid oxidising agents, strong acids and alkalis.

OTHER INFORMATION:

Toxicology (chemical manufacturing concentrate)	Oral LD ₅₀ (mg/kg)	> 10,000	Species:	Rat
	Dermal LD ₅₀ (mg/kg)	> 10,000	Species:	Rat

Environmental/
Ecological Effects
(deltamethrin):

LC ₅₀ (96-h) fish:	0.001 – 0.01 mg/L
LD ₅₀ (duck):	> 5,000 mg/kg
LD ₅₀ (quail):	> 10,000 mg/kg

Deltamethrin is highly toxic to fish and aquatic organisms. Deltamethrin is not persistent in the environment. It is destroyed by soil microorganisms and does not leave residues in the environment or build up in the food chain. Do not contaminate streams, rivers or waterways with the product or used containers.

Special Precautions/
Comments: None

Data Sources/
References: AgrEvo Pty. Ltd. – Product Safety Data and published data

CONTACT POINT:

Emergency Contact Number: 1800 033 111 (SHE Pacific)
Development Manager (Environmental Science): (03) 9248 6888

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.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

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