

MATERIAL SAFETY DATA SHEET

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STATEMENT OF HAZARDOUS NATURE

Not hazardous according to criteria of Worksafe Australia.

COMPANY DETAILS:

Company: Aventis CropScience Pty Ltd A.B.N. 87 000 226 022
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 – Orica SH&E Shared Services

IDENTIFICATION

Product Name: **COOPEX® Insecticidal Dusting Powder
Industrial Strength**

Other Names: None

Manufacturer's Product Code: AE F032639 00 DP01 A3

SAP Product Code: 131644 (10 kg)

UN Number: Not applicable

Dangerous Goods Class and Subsidiary Risk: Not classified as dangerous goods.

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

AQIS Approval No. 3286

Use: A ready-to-use insecticidal dusting powder

Physical Description/Properties

Appearance: White powder, no detectable odour

Boiling Point/Melting Point: Not applicable

Vapour Pressure: Negligible

Specific Gravity: Not applicable

Flashpoint: Not applicable

Flammability Limits: Not applicable

Solubility in Water: Practically insoluble

Other Properties:

Auto-ignition temperature (°C) Not available

Percent volatiles Negligible

Ingredients:

Chemical Name:	CAS Number:	Proportion (g/kg):
Permethrin 25:75	[52645-53-1]	10
Other ingredients	(non-hazardous)	990

Note: Mineral talc is used as the dust carrier for this product – the talc used in manufacture contains no asbestos fibres.

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HEALTH HAZARD INFORMATION

Health Effects:

Acute:

Swallowed: The product is of low toxicity.

Eye: Mildly irritating. The material should not be allowed to contact the eyes.

Skin: Mild irritant to the skin. The material should not be allowed to come into contact with the skin.

Inhaled: Inhalation of dust may produce respiratory irritation.

Chronic: Permethrin is not mutagenic, teratogenic or carcinogenic. In animal tests permethrin was a moderate skin sensitiser.

First Aid

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

Swallowed: If swallowed DO NOT induce vomiting. Seek medical advice.

Eye: Immediately rinse eyes thoroughly, including under eyelids, with running water for at least 15 minutes. Seek medical advice.

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

Inhaled: Remove person to fresh air. Keep at rest. Seek medical advice if exposure has been more than trivial. Administer artificial respiration if breathing has stopped.

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

Advice to Doctor: There is no specific antidote. Treat symptoms.

PRECAUTIONS FOR USE

Exposure Standards: No exposure standard has been assigned by the National Occupational Health and Safety Commission (Worksafe Australia).

Engineering Controls: Control process conditions to avoid contact. Use local exhaust ventilation.

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PRECAUTIONS FOR USE (CONTD.)

Personal Protection:

Eyes:	Avoid contact with the eyes.
Clothing:	Avoid contact with skin. Wear suitable protective clothing. Protective clothing must be stored separately from private clothing.
Gloves:	Avoid contact with skin. Wear rubber gloves.
Respiratory:	Do not inhale dust. Wear an approved respirator to prevent inhalation, if other control measures are inadequate.
Other:	Wash thoroughly after handling. Do not eat, drink or smoke until after washing. After each day's use wash gloves and contaminated clothing.

Flammability: Not flammable

SAFE HANDLING INFORMATION

Storage and Transport:

Corrosivity Hazards: None known

Handling & Storage Precautions: Keep out of reach of children. Avoid contact with eyes and skin. Store product in the closed, original container in a cool, well-ventilated area away from direct sunlight.

Transport: Not classified as a dangerous good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Spills and Disposal:

Spillage or Leak Procedures: Wear suitable protective clothing and boots. Prevent spill from entering drains, sewers or any body of water. Sweep up into sealable containers for disposal in accordance with applicable local, state and federal regulations.

Waste Disposal Methods: Follow Avcare guidelines. Triple or preferably pressure rinse containers before disposal. Dispose of rinsings in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots. Break, crush or puncture empty containers and bury in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit. Empty containers and product should not be burnt.

Fire/Explosion Hazard:

Extinguishing Media: Foam, dry chemical or water spray. Do not use water jet from fire hose.

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Special Fire Fighting Procedures: The product is not flammable but fire will produce hydrogen chloride gas. Fire fighters should wear full protective clothing and self-contained breathing apparatus. Do not release contaminated water into the environment.

Reactivity Hazards: Avoid iron, alloys, oxidisers, strong acids and halogens.

OTHER INFORMATION:

Toxicology (Permethrin):	Oral LD ₅₀ (mg/kg) (Permethrin 25:75 in corn oil)	1479	Species:	Rat
	Dermal LD ₅₀ (mg/kg)	>2000	Species:	Rabbit
	Skin irritation	Mild irritant	Species:	Rabbit
	Skin sensitisation	Moderate skin sensitiser	Species:	Guinea pig
Toxicology (product):	Eye irritation	Irritant	Species:	Rabbit
	Inhalation LC ₅₀ 4-hour in air (mg/m ³)	> 2.3	Species:	Rat

Environmental/Ecological Effects: Permethrin is toxic to fish and aquatic organisms, bees and reptiles. Permethrin degrades rapidly in soil and water.

Special Precautions/Comments: None

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

CONTACT POINT:

Emergency Contact Number: 1800 033 111 (Orica SH&E Shared Services)
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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