

MATERIAL SAFETY DATA SHEET

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STATEMENT OF HAZARDOUS NATURE

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: **COOPEX® Residual Insecticide**
Other Names: None
Manufacturer's Product Code: AE F032639 00 WP25 A1
SAP Product Code: 131695 (20x25 g), 175218 (1kg), 178640 (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: 5
AQIS Approval No. 3282
Use: A wettable powder insecticide

Physical Description/Properties

Appearance: Buff-coloured powder, mild aromatic odour
Boiling Point/Melting Point: Not applicable
Vapour Pressure: Negligible
Specific Gravity: Not applicable
Flashpoint: Not applicable
Flammability Limits: Not applicable
Solubility in Water: Forms a suspension

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]	250
Amorphous silica	[61790-53-2]	590
Other ingredients	(non-hazardous)	160

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HEALTH HAZARD INFORMATION

Health Effects:

Acute:

Swallowed: Low toxicity if ingested.

Eye: Mildly irritating. The product or spray should not be allowed to contact the eyes.

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

Inhaled: Inhalation of powder or spray may produce respiratory irritation.

Chronic: Permethrin is not mutagenic, teratogenic or carcinogenic.

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 more than 15 minutes from a hospital, induce vomiting, preferably using Ipecac Syrup APF.

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. Maintain a supply of Ipecac Syrup APF.

Advice to Doctor: Skin and eye contamination may cause local paresthesia, which may be painful, but is usually transient, resolving in 24 hours. Vitamin E or other creams may be applied to skin. There is no specific antidote. Treat symptoms. Atropine is contraindicated.

PRECAUTIONS FOR USE

Exposure Standards: No exposure standard has been assigned by the National Occupational Health and Safety Commission (Worksafe Australia). ACGIH TLV-TWA for amorphous silica – 10 mg/m³ inhalable fraction; 3 mg/m³ respirable fraction.

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

Personal Protection:

Eyes: Avoid contact with the eyes. Wear safety goggles or a face shield when handling product, preparing and using spray.

Clothing: Avoid contact with skin. Wear suitable protective clothing. Protective clothing must be stored separately from private clothing.

Gloves: Avoid contact with the skin. Wear elbow-length PVC or nitrile gloves.

Respiratory: Do not inhale dust. Wear a disposable respirator to prevent inhalation.

Other: Wash thoroughly after handling. Do not eat, drink or smoke until after washing. After each day's use wash gloves, goggles or face shield 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. Avoid creating dust. Sweep up into sealable containers for disposal in accordance with applicable local, state and federal regulations.

Waste Disposal Methods: Follow Avcare guidelines. Rinse containers before disposal and add rinsings to the spray tank. Do not dispose of undiluted chemicals on site. Dispose of the containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

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Fire/Explosion Hazard:

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

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
	Eye irritation	Mild irritant	Species:	Rabbit
	Skin irritation	Mild irritant	Species:	Rabbit
Toxicology (product):	Skin sensitisation	Moderate skin sensitiser	Species:	Guinea pig
	Eye irritation	Slight irritant	Species:	Rabbit
	Skin irritation	Not irritating	Species:	Rabbit
	Skin sensitisation	Not sensitising	Species:	Guinea pig
	Inhalation LC ₅₀ mg/L	> 133	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 (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.

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