

MATERIAL SAFETY DATA SHEET



PCT International Pty Ltd

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PCT *Protech*TM Crack and Crevice

Classified as non-hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE MANUFACTURER

Product Name: Protech Crack and Crevice
Product Code: none
Product Use: Aerosol insecticide for control of household insects
Poison Schedule: S5 - CAUTION
Supplier: PCT International Pty Ltd
ABN: 44 101 170 923
Street Address: Unit 1 / 74 Murdoch Circuit, ACACIA RIDGE QLD 4110
Telephone: + 61 7 3711 7022
Facsimile: + 61 7 3711 7055

Emergency telephone No: 1800 630 877

Other Information: This MSDS describes, to the best of our knowledge, the properties of the concentrated product. The physical properties and some of the assessments do not apply to the properties of the product once it has been diluted for application. Acute health effects of the diluted product are likely to be much less severe.

MSDS Creation Date: 2nd May 2008

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Formulation Type: Aerosol

Ingredients	CAS NO.	Concentration (%w/w)
Tetramethrin 20:80	1166-46-7	0.15
Cyphenothrin	39515-40-7	0.15
Hydrocarbon solvent	64742-47-8	<10
Propellant	74-98-6/106-97-8	<50
Other ingredients not considered to be hazardous		to 100%

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3. HAZARDS IDENTIFICATION

Hazard Classification: Not hazardous according to Occupational Health and Safety Criteria.

SUSDP Classification

(Poison Scheduling): Schedule 5 - CAUTION

ADG Classification: Classified as Dangerous Goods - refer to Section 14 of this MSDS.

4. FIRST AID MEASURES

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.

General: In case of accident, or if person feels unwell, seek medical advice immediately (show label where possible).

Swallowed: Although unlikely, if swallowed, do not induce vomiting, seek medical advice.

Skin contact: If on skin, wash skin with soap and water. Seek medical advice if irritation develops.

Eye contact: If in eyes, hold eyes open and flood with water for at least 15 minutes and seek medical advice.

Inhalation: If affected, remove to fresh air. If any signs or symptoms occur or persist, seek medical advice.

Note to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Aerosol cans may explode when exposed to high temperatures and become projectiles.

Flashpoint: -60°C (butane)

Suitable Extinguishing Media: Carbon dioxide, dry chemical, foam, water fog

Hazards from Combustion

Products: Thermal decomposition will produce CO and NOx.

Precautions for Fire Fighting and Special Protective

Equipment: Ensure respiratory equipment is available. Evacuate immediate area. Advise Fire Brigade of nature of hazard. Wear full protective equipment, including breathing apparatus. Surrounding containers should be cooled using a fine water spray. All run-off must be contained.

6. ACCIDENTAL RELEASE MEASURES

Emergency Telephone Number: 1800 630 877 (24 hours) (EMERGENCIES ONLY)

SPILLS:

Stop the source of the spill if it is safe to do so. Contain the spill. Wear personal protective equipment as specified in Section 8.

Small Spills: Wipe up spills with clean dry cloth. Wash the spill area with water.
(Liquid spill)

Large Spills: Apply absorbent inert material such as soil, dry sand or vermiculite to the spill area. Form a barricade around spill and in front of drains or waterways in spill vicinity, using soil or other non reactive material. Sweep up material and contain in a refuse vessel for disposal.
(Liquid Spill) **Contact emergency services as required.**

Disposal: Contaminated material must be disposed of in accordance with all State and/or Local regulations.

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7. HANDLING AND STORAGE

Keep out of reach of children. DO NOT USE OR STORE near flame, sparks or hot surfaces. Store in the closed, original container in a cool, well-ventilated area. Do not puncture or incinerate can, even when empty. Recycle empty cans if a facility is available or place used can in household or commercial rubbish.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS:

Exposure standards represent the air borne concentrations of individual chemical substances, which according to current knowledge, should neither impair the health of, nor cause undue discomfort to, nearly all workers. A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has been established for the propellant, 800 ppm (1900 mg/m³).

ENGINEERING CONTROLS:

Ensure adequate ventilation. Maintain air concentrations below exposure standards. Always use in a well ventilated area.

PERSONAL PROTECTIVE EQUIPMENT:

Avoid contact with eyes. When handling bulk quantities wear protective gloves, clothing and eyewear. Where ventilation is insufficient a suitable respirator should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colourless aerosol
Odour:	Characteristic odour
Vapour Pressure:	240 kPa at 16°C (butane)
Boiling Point:	0°C (butane)
Solubility:	Miscible in water.
Density:	0.97 g/mL at 25°C (concentrate)
Viscosity:	153.9 mPa s at 20°C

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage and handling conditions (See Section 7).
Conditions to Avoid:	Avoid direct sunlight, sources of heat, naked flames, sparks and high temperatures.
Incompatible Materials:	No information available.
Hazardous Decomposition Products:	Emits toxic fumes under fire conditions (See also Section 5).
Hazardous Reactions:	Propellant can react with oxidising agents. Store away from oxygen cylinders, oxidising agents, and ignition sources.

11. TOXICOLOGICAL INFORMATION

The toxicity of this product has not been determined. Hazard identification has been derived from individual ingredients and the concentrate of this product. Toxicological testing of the concentrate has been undertaken and the following results found:

Oral LD ₅₀ rats:	1072 mg/kg (male); 1414 mg/kg (female) Accidental ingestion of small amounts may be harmful.
Dermal LD ₅₀ rats:	>2000 mg/kg Contact with skin is not expected to be harmful.
Irritation:	
Skin:	Slight irritant
Eye:	Non-irritant

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12. ECOLOGICAL INFORMATION

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

ECOTOXICITY: The ecotoxicity of this product has not been determined.

13. DISPOSAL CONSIDERATIONS

ALWAYS DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Keep in a cool place out of the sun. Do not puncture or incinerate this can, even when empty. Recycle empty cans if a facility is available or place used can in household or commercial rubbish.

14. TRANSPORT INFORMATION

UN No. : 1950
Shipping Name : AEROSOL
Dangerous Goods Class : 2.1
Subsidiary Risk : None Allocated
Pack Group : None
Special Precaution for user : N/A
Hazchem Code : 2WE



Storage and Transport: Considered dangerous goods for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

APVMA Approval №: 62274/416g/1107

Risk Phrases: none

Safety Phrases: none

Poisons Schedule: S5

Packaging &

Labeling: READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Hazard Category

AICS (Australia): Listed on the Australian Inventory of Chemical Substances.

16. OTHER INFORMATION

Contact Person/Point: Mr David Pearson Phone: (07) 3711 7022

This MSDS contains only safety-related information. For other data, see product literature.

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...End of MSDS...