

# MATERIAL SAFETY DATA SHEET

This product is harmful if swallowed. It is not a Hazardous Substance according to the criteria of the National Occupational Health & Safety Commission.

This revision issued: November 2004

## 1. IDENTIFICATION OF CHEMICAL PRODUCT AND COMPANY

Product name: **TARGET<sup>®</sup> DUST**

**Formulation type:** Insecticidal Powder  
**Poison Schedule:** Exempt  
**Recommended use:** A ready-to-use insecticidal dusting powder as described on the product label.  
**Supplier:** PCT International Pty Ltd  
**Address:** Unit 1/ 74 Murdoch Cct, ACACIA RIDGE QLD 4110  
**Telephone:** (07) 3711 7022  
**Fax:** (07) 3711 7055  
**Website:** [www.pct.au.com](http://www.pct.au.com)  
**Contact:** David Pearson  
**Emergency telephone No:** 1800 630 877

## 2. COMPOSITION of/ INFORMATION on/ INGREDIENTS

Ingredients	CAS No	Proportion
Permethrin 25:75	52645-53-1	10g/kg
Other ingredients(Mineral talc carrier)	(non-hazardous)	990g/kg

## 3. HAZARDS IDENTIFICATION

**Hazard Designation:** Non-hazardous according to criteria of Worksafe Australia.

**Risk Phrases:** R22 Harmful if swallowed

**Safety Phrases:** none allocated

**SUSDP Classification:** Exempt

**ADG Classification:** none allocated

**UN Number:** none allocated

#### 4. FIRST AID MEASURES

**General Information:** If poisoning occurs, immediately contact a doctor or the Poisons Information Centre (phone 131126) and follow the advice given. Show this MSDS to the doctor.

**Inhalation:** If inhaled, remove patient to fresh air and keep rested.

**Skin Contact:** Wash product off skin immediately using soap and plenty of water. Seek medical advice if irritation persists.

**Eye Contact:** Immediately rinse eyes (including under eyelids) thoroughly with running water for at least 15 minutes, and seek medical advice.

**Ingestion:** Seek medical advice.

**Symptoms:** No specific symptoms of poisoning can be expected.

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

#### 5. FIRE FIGHTING MEASURES

**Fire and Explosion Hazards:** None known.

**Fire Extinguisher type:** Foam, dry chemical or water spray. Do not use water jet.

**Fire Fighting Procedures & Precautions:** Fire fighters should wear full protective clothing and self-contained breathing apparatus. Do not allow contaminated water to be released into drains.

**Hazardous Decomposition Products:** The product is non-flammable, but fire will produce hydrogen chloride gas.

**Flash Point:** Not available.

**Flammability Class:** Not available.

#### 6. ACCIDENTAL RELEASE MEASURES

Dealing with spills has the potential to increase the risk of personal exposure- during such operations, ensure that protective clothing is worn as detailed below. Spills should be contained and absorbed with soil, sand, sawdust, clay, cat litter or other similar material, and this material then be placed in sealed, labeled, drums for safe disposal in an approved landfill, and in accordance with the requirements of local or State Waste Management Authorities. Alternatively, bury under at least 500<sup>mm</sup> of soil in an area away from crops, pastures, homes or water sources. Do not burn empty containers or product.

#### 7. HANDLING AND STORAGE

**Handling:** Keep out of reach of children. Avoid eye and skin contact.

**Storage:** Store product in closed, original container in a cool, well ventilated area out of direct sunlight.

#### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

**Exposure Limits:** None set.

**Ventilation:** Use local exhaust ventilation if available when using the product.

**Personal Protective Equipment:** Avoid skin contact by wearing cotton overalls buttoned to the neck and wrists, and use rubber gloves and respirator. After each days use, wash gloves and contaminated clothing.

**Eye Protection:** Avoid contact with the eyes.

**Skin Protection:** Wear cotton overalls buttoned to the neck and wrists.

**Respirator:** Wear an approved respirator to prevent dust inhalation.

#### 9. PHYSICAL & CHEMICAL PROPERTIES

**Physical Description:** White powder.

**Odour:** No discernible odour.

**Water Solubility:** Practically insoluble.

## 10. STABILITY & REACTIVITY

<b>Reactivity:</b>	Stable under normal conditions of use.
<b>Conditions to Avoid:</b>	Avoid iron, alloys, oxidizers, strong acids and halogens.
<b>Incompatibilities:</b>	As with conditions to avoid.
<b>Fire Decomposition:</b>	No data available.
<b>Polymerisation:</b>	None.

## 11. TOXICOLOGICAL INFORMATION

<b>Chronic Toxicity:</b>	Permethrin is not mutagenic, teratogenic or carcinogenic.
<b>Inhalation short/ long term exposure:</b>	Dust inhalation may produce respiratory irritation.
<b>Skin contact short/ long term exposure:</b>	Mild irritant to the skin.
<b>Eye contact short/ long term exposure:</b>	Mildly irritating.
<b>Ingestion short/ long term exposure:</b>	The product is of low toxicity.
<b>Carcinogenic status:</b>	Not classified as carcinogenic.
<b>Animal Toxicity Data:</b>	No data available for the product.

## 12. ECOLOGICAL INFORMATION

<b>Effects on Birds:</b>	No data available.
<b>Effects on Aquatic Organisms:</b>	Permethrin is toxic to fish and aquatic organisms.
<b>Effects on non-target species:</b>	Permethrin is toxic to bees and reptiles.
<b>Environmental Persistence &amp; Degradation:</b>	Permethrin degrades rapidly in soil and water.

## 13. DISPOSAL CONSIDERATIONS

Dispose of empty, used containers by triple rinsing, or preferably pressure rinsing. Add the rinsate to the spray tank or dispose of the rinsate in a disposal pit away from desirable plants and their roots and from watercourses. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return cleaned containers to a recycler or designated collection point. If not recycling, break, crush or puncture empty containers and bury in a local authority landfill. If no landfill available, bury the containers at least 500<sup>mm</sup> deep 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.

## 14. TRANSPORT INFORMATION

Not classified as "Dangerous Goods" for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

## 15. REGULATORY INFORMATION

**APVMA Approval No:** 46589/1

## 16. OTHER INFORMATION

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

The above information is correct and accurate to the best of our knowledge. However, no warranty, expressed or implied, is made as to its accuracy or completeness of data herein. Further research and investigation may be required for your particular use of this product.