

## Safety Data Sheet

### 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

**Product Name:** Roach Dust Dusting Powder

**Use:** Home, Farming, Industrial, Public Health

**Company Name:**

Coopers Manufacturing CC  
Reg. No. 2004/01564/23  
P.O. Box 14374  
BREDELL 1623  
SOUTH AFRICA  
TEL: (011) 979-4246/7

**Emergency Contact Numbers:**

Griffon Poison Information Centre - 082 446 8946

### 2. HAZARD IDENTIFICATION

**Important hazards:**

GHS classification of the mixture	
Hazard classes / categories	Hazard codes
Skin Sensitiser 1	H317
Aquatic Chronic 1	H410

**GHS classification:** Uncategorised

**Hazard pictogram:**



**Signal word:** WARNING

**Hazard statements:**

H317: May cause an allergic skin reaction.

H411: Very toxic to aquatic life with long lasting effects.

**Precautionary statements:**

P273: Avoid release into the environment.

P280: Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.

P302+P352: IF ON SKIN: Wash with plenty of water and non-abrasive soap.

P333+P313: If skin irritation or rash occurs: Get medical advice.

P391: Collect spillage.

P501: Dispose of content/container to suitable landfill in accordance with local regulations

### 3. COMPOSITION INFORMATION ON INGREDIENTS:

CAS NO	HAZARDOUS COMPONENT	CONCENTRATION	GHS CLASSIFICATION
8003-34-7	Pyrethrum	0.5%	H302: Acute Toxicity 4 H312: Acute Toxicity 4 H332: Acute Toxicity 4 H400: Aquatic Acute 1 H410: Aquatic Chronic 1
51-03-6	Piperonyl butoxide	4 %	H400: Aquatic Acute 1 H410: Aquatic Chronic 1

### 4. FIRST AID MEASURES:

**General advice:**

There is no known specific antidote. Avoid contact with the skin, eyes and clothing. Remove contaminated clothing. If difficulties occur: Obtain medical attention. Show container, label and/or safety data sheet to physician.

**If inhaled:**

Keep patient calm, remove to fresh air, and seek medical attention.

**On skin contact:**

Contact with the dust may cause irritation, redness and discomfort. Remove contaminated clothing, rinse the affected skin area with plenty of soap and cool water or shower. Apply Vitamin E cream or simple toilet milks. When symptoms persist or in all cases of doubt seek medical advice.

**On contact with eyes:**

Contact with the dust may be irritating, causing redness and discomfort. Immediately wash eyes with copious amounts of clean water for at least 15 minutes and contact a doctor if irritation persists.

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<b>On ingestion:</b>	The toxin affects the central nervous system; may cause numbness of lips and tongue, headache, nausea, vomiting, diarrhoea, excitement, epigastric pain, convulsions and coma (very high doses). Allergic respiratory symptoms may be delayed for several hours. Keep patient calm and reassured, rinse mouth with clean water. Do not induce vomiting. Never give anything by mouth to an unconscious person. DO NOT apply direct mouth to mouth respiration, use a disposable protective mouthpiece.
<b>Note to physician:</b>	Treatment: Treat according to symptoms (decontamination, vital functions). The product contains a pyrethroid and must not be confused with organophosphorous compounds
<b>Local:</b>	Initial treatment should be symptomatic and supportive.
<b>After eye contact:</b>	Instillation of local anaesthetic drops, e.g. 1 % Amethocaine Hydrochloride eye drops. Give Analgesics as necessary.
<b>Systemic:</b>	Endotracheal intubation should be done, and gastric lavage performed, followed by administration of charcoal. Monitoring of respiratory and cardiac functions. ECG – monitoring (Electrocardiogram) Check for pulmonary oedema in event of inhalation. Keep airway clear, administer artificial respiration if necessary.
<b>Against convulsions:</b>	Give diazepam: for adults 5-10 mg, for children 2-5 mg intravenously repeated as necessary until fully sedated.
<b>Contraindication:</b>	Atropine Derivatives of adrenaline
<b>Recovery:</b>	Spontaneous

## 5. FIRE FIGHTING MEASURES:

### Suitable extinguishing media:

Water spray, water fog, carbon dioxide, foam

### Extinguishing media which must not be used for safety reasons:

High volume water jet

### Specific hazards during firefighting:

In case of fire the evolution of dangerous gases is possible.

**Special protective equipment for fire-fighters:**

In the event of fire and/or explosion do not breathe fumes. Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure being built up due to heat.

Whenever possible, contain fire-fighting water by diking area with sand or earth.

**6. ACCIDENTAL RELEASE MEASURES:**

**Personal Precautions:**

Keep people away from and upwind of spill/leak. Avoid dust formation. Avoid contact with spilled product or contaminated surfaces. When dealing with a spillage do not eat, drink or smoke.

**Environmental Precautions:**

Do not discharge into the drains/surface water/groundwater. If spillage enters drains leading to sewage works inform local water company immediately.

**Methods for Cleaning Up:**

Use approved industrial vacuum cleaner for removal. Keep in suitable, closed containers for disposal. Clean floors and contaminated objects with plenty of water.

**For small amounts:**

Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

**For large amounts:**

Dike spillage. Pump off product. Cleaning operations should be carried out only while wearing breathing apparatus. Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

**7. HANDLING AND STORAGE:**

**Handling:**

Advice on safe handling. No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice. Avoid dust formation. Use only in area provided with appropriate exhaust ventilation.

**Advice on protection against fire and explosion:**

During processing, dust may form explosive mixture in air.

**Storage:**

**Requirements for storage areas and containers**

Keep container tightly closed in a dry and well-ventilated place. Store in a place accessible by authorized persons only. Keep away from heat. Keep away from direct sunlight. Protect against moisture.

**Advice on common storage**

Keep away from food, drink and animal feedstuffs.

**Storage stability**

**Storage temperature:** 0 - 30 °C

**Suitable materials:**

Store in original container.

Protect from temperatures above: 40 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION:

**Personal protective equipment:**

**Respiratory protection:**

Breathing protection if gases/vapours are formed. Wear respiratory protection if ventilation is inadequate. Gas filter EN141 Type A for gases/vapours of organic compounds (boiling point > 65 °C).

**Hand protection:**

Suitable chemical resistant safety gloves also with prolonged, direct contact E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other.

**Eye protection:**

Tightly fitting safety goggles (splash goggles)

**Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit

**General safety and hygiene measures:**

Take off immediately all contaminated clothing. Store work clothing separately. Keep away from food, drink and animal feeding stuffs. No eating, drinking, smoking or tobacco use at the place of work. Hands and/or face should be washed before breaks and at the end of the shift.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>Appearance/Form:</b>	Powder
<b>Colour:</b>	Off-white
<b>Odour:</b>	Slight, specific odour

<b>Bulk Density:</b>	200 kg/m <sup>3</sup>
<b>Water Solubility:</b>	Miscible
<b>Degradation:</b>	For Permethrin in soil and water degradation is rapid.
<b>Partition coefficient:</b>	logPow: 5.95 (releases to active ingredient permethrin)
<b>Solubility in water:</b>	Insoluble in water

#### 10. STABILITY AND REACTIVITY:

<b>Conditions to Avoid:</b>	Extremes of temperature and direct sunlight.
<b>Materials to avoid:</b>	None.
<b>Hazardous Reactions:</b>	No hazardous reactions when stored and handled according to prescribed instructions.
<b>Stability:</b>	Stable under normal conditions.

#### 11. TOXICOLOGICAL INFORMATION:

##### **Toxicity of Formulated Product:**

According to the information at hand, this product is not calculated as toxic or harmful through oral, dermal or inhalation routes.

#### 12. ECOLOGICAL INFORMATION:

##### **Ecotoxicity effects**

Toxicity to Fish LC50 (Guppy (*Poecilia reticulata*)) 0.0076 mg/l

Exposure time: 96 h

The value mentioned relates to the active ingredient permethrin.

Toxicity to daphnia EC50 (Water flea (*Daphnia magna*)) 0.00017 mg/l

Exposure time: 48 h

The value mentioned relates to the active ingredient permethrin.

Toxicity to algae EC50 (*Selenastrum capricornutum*) 0.497 mg/l

Exposure time: 96 h

The value mentioned relates to the active ingredient permethrin

#### 13. DISPOSAL CONSIDERATIONS:

##### **Product**

In accordance with current regulations may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.

##### **Contaminated packaging:**

Small containers (< 10 l or < 10 kg) should be rinsed thoroughly using an integrated pressure rinsing device, or, by manually rinsing three times.

Add washings to sprayer at time of filling.

Dispose of empty and cleaned packaging safely.

**Large containers (> 25 l or > 25 kg) should not be rinsed or re-used for any other purpose.**

**Follow advice on product label and/or leaflet.**

#### 14. TRANSPORT INFORMATION:

##### TRANSPORT INFORMATION

<b>UN No:</b>	3077
<b>Class:</b>	9
<b>Packing group:</b>	III
<b>Proper Shipping Name:</b>	Environmentally Hazardous Substance, Solid, N.O.S (Permethrin 5 g/l)

#### 15. REGULATORY INFORMATION:

##### Safety, health and environmental regulations/legislation specific for the substance or mixture:

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

##### Chemical Safety Assessment

Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

#### 16. OTHER INFORMATION:

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.