

## MATERIAL SAFETY DATA SHEET

# Chaindrite Permforce DUST Insecticide

### Section 1: Identification of the Product and Company

<b>Product name:</b>	<b>Chaindrite Permforce DUST Insecticide</b>
<b>Other names:</b>	Permethrin dust insecticide
<b>Use:</b>	Ready to use insecticide dust containing permethrin, to be used in accordance with the product label.
<b>Company name &amp; Contact details</b>	<b>Sherwood Chemicals Australasia Pty Ltd</b> Address: Level 3, 1060 Hay Street, WEST PERTH 6005 AUSTRALIA Emergency Telephone number: All hours +61 421 667972
<b>Other information:</b>	All reasonable care has been taken to ensure the information and advice contained in this data sheet is accurate at the time of printing. However, Sherwood Chemicals accepts no liability for any loss or damages suffered as a consequence of reliance upon the information contained herein.
<b>MSDS creation date:</b>	<b>Version Number:</b> Chaindrite Permforce DustV02 1 <sup>st</sup> May 2014

### Section 2: Hazards Identification

<b>Hazard classification:</b>	This product is <b>NOT</b> classified as hazardous according to the criteria of NOHSC Australia.  NOT a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.
<b>Risk Phrases:</b>	Not Hazardous
<b>Safety Phrases:</b>	Not Hazardous

### Section 3: Composition / Information on Ingredients

Chemical entity	CAS N°	Concentration %
Permethrin	52645-53-1	1
Other non hazardous ingredients	<b>Secret</b>	To 100

This is a commercial product whose exact ratio of components may vary slightly.

### Section 4: First Aid Measures

#### FIRST AID:

You should call the Poisons Information Centre if you feel you may have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia and is available at all times. Have this MSDS with you when you call.

#### **Skin Contact:**

Not considered harmful. If significant skin contact occurs, wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until product is removed.

#### **Inhalation:**

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No first aid measures normally are required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

## **Eye Contact:**

Gently blot or brush product away. Flush contaminated eye(s) with lukewarm, gently flowing water until the product is removed, while holding the eyelid(s) open. Obtain medical advice if irritation becomes painful or lasts more than a few minutes.

## **Ingestion;**

First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

## **ADVICE TO DOCTOR -**

Treat symptomatically

## Section 5: Fire Fighting Measures

### **Fire/Explosion Hazard:**

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Only small quantities of decomposition are expected from this product at temperatures normally achieved in a fire. Fire decomposition from this product may be toxic if inhaled. Take appropriate protective measures.

### **Extinguishing Media**

- Not Combustible. Use extinguishing media suited to burning materials.

### **Flash point**

- Does not burn.

### **Upper Flammability Limit**

- Does not burn

### **Lower Flammability Limit**

- Does not burn

### **Autoignition temperature**

- Does not burn

### **Flammability Class**

- Does not burn

## Section 6: Accidental Release Measures

### **Spills**

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.

## Section 7: Handling and Storage

### **Safe handling practices:**

Keep out of reach of children. Avoid contact with eyes and skin.

### **Storage:**

Store product in the closed, original container in a cool, well-ventilated area away from direct sunlight.

### **Other information:**

Nil

## Section 8: Exposure Controls and Personal Protection

### **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.

### **Personal Equipment:**

#### **Protective**

**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.

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## Section 9: Physical and Chemical Properties

<b>Chemical:</b>	Permethrin powder
<b>Appearance:</b>	White to yellowish powder
<b>Vapour pressure:</b>	Not available
<b>Boiling point:</b>	Not available
<b>Freezing/melting point:</b>	Not available
<b>Density:</b>	Not applicable
<b>Flammability:</b>	Not flammable
<b>pH:</b>	7.5

## Section 10: Chemical Stability and Reactivity Information

<b>Chemical stability:</b>	Stable at normal temperature and pressure
<b>Hazardous polymerisation:</b>	Will not occur.
<b>Conditions to avoid:</b>	Avoid iron, alloys, oxidizers, strong acids and halogens.
<b>Incompatible materials:</b>	Iron, alloys, oxidizers, strong acids and halogens
<b>Hazardous decomposition products:</b>	Not available

## Section 11: Toxicological Information

### POTENTIAL HEALTH EFFECTS

Inhalation of dust may produce respiratory irritation.

<b>Inhalation:</b>	
<b>Skin contact:</b>	Mild irritant to the skin. The material should not be allowed to come into contact with the skin.
<b>Eye contact:</b>	Mildly irritating. The material should not be allowed to contact the eyes.
<b>Ingestion:</b>	The product is of low toxicity.
<b>Other:</b>	None

### Acute toxicity for the Active Ingredient:

<b>Oral toxicity:</b>	LD <sub>50</sub> rat 1479(mg/kg) (Permethrin 25:75 in corn oil)
<b>Dermal toxicity:</b>	LD <sub>50</sub> Rabbit >2000 (mg/kg)
<b>Inhalation toxicity:</b>	LC <sub>50</sub> Rat >2.3(mg/m <sup>3</sup> ) 4 hour in air

<b>Skin irritation:</b>	Mild irritant – rabbit
<b>Eye irritation:</b>	Irritant – rabbit
<b>Sensitisation:</b>	Moderate skin sensitiser – guinea pig

### Chronic:

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

## Section 12: Ecological Information

<b>Fish toxicity:</b>	Permethrin is toxic to fish and aquatic organisms
	Permethrin degrades rapidly in soil and water.
<b>Daphnia toxicity:</b>	Not available
<b>Toxicity to algae:</b>	Not available
<b>Bird toxicity:</b>	Not available

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<b>Bee toxicity:</b>	Permethrin is toxic to bees.
<b>Other:</b>	Permethrin is toxic to reptiles
<b>Environmental fate, persistence and degradation:</b>	Permethrin degrades rapidly in soil and water.

## Section 13: Disposal Considerations

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.

## Section 14: Transport Information

<b>UN number:</b>	Not applicable
<b>Proper shipping name:</b>	Not applicable
<b>Class and Subsidiary Risk:</b>	Not “dangerous goods” for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
<b>Packing Group:</b>	Not applicable
<b>EPG:</b>	Not applicable
<b>Hazchem code:</b>	Not applicable

## Section 15: Regulatory Information

<b>Agricultural or veterinary chemicals legislation</b>	This product is registered for use by the APVMA. <b>AUSTRALIA APVMA Registration No. 62664</b>
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## Section 16: Other Information

Emergency Telephone number: All hours Tel: +61 421 667972  
Sherwood Chemicals Australasia Pty Ltd  
Address: Level 3, 1060 Hay Street, WEST PERTH 6005 AUSTRALIA

**MSDS Updated date:** 1<sup>st</sup> May 2014

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**END OF MSDS**