



**SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product Name: **Sorsec Wasp Nest Killer**

**Full Product Name:** Sorsec Wasp Nest Killer  
**Other Names:** d-phenothrin.  
**Use:** A ready to use aqueous powder formulation for the control of wasps.  
**Company:** Globe Australia Pty Ltd  
**Address:** 87 Allingham St, Condell Park, NSW, 2200  
**ACN/ABN:** 75 001 429 714  
**Telephone Number:** 02 9791 1111 **Fax Number:** 02 9791 1155  
**Emergency Contact :** 02 9791 1111 (office hours)

**SECTION 2 HAZARDS IDENTIFICATION**

**Not classified as hazardous according to criteria of NOHSC.  
Not classified as a Dangerous Good according to the ADG Code**

This product is not a scheduled poison

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

**Ingredients:**

<b>CHEMICAL</b>	<b>CAS NUMBER</b>	<b>PROPORTION</b>
d-phenothrin	26002-80-2	0.4% w/w
Other ingredients (including water) determined not to be hazardous		to 100% w/w

**SECTION 4 FIRST AID MEASURES**

**FIRST AID**

**Ingestion:** If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 131 126.  
**Eye contact:** Immediately hold eyes open and flood with clean water. If irritation occurs and persists, seek medical advice.  
**Skin contact:** Remove contaminated clothing. Wash skin with soap and water. If skin is irritated and persists, seek medical advice.  
**Inhalation:** Remove to fresh air and observe until recovered. If irritation or symptoms persists more than about 30 minutes, seek medical advice.

**Advice to Doctor:** Treat symptomatically.

**SECTION 5 FIRE FIGHTING MEASURES**

**Extinguishing media:** Non-combustible material. Extinguish fire using extinguishing agent appropriate to the material that is burning. If waterspray is used, contain all runoff.

**Hazards from combustion products:** Non-combustible, however can emit toxic fumes when involved in a fire. Will not polymerise.

**Precautions for fire-fighters and special protective equipment:** Isolate fire area. Evacuate downwind residents. Wear full protective clothing and self contained breathing apparatus. Do not breathe smoke or vapours generated.

**SECTION 6 ACCIDENTIAL RELEASE MEASURES**

**Emergency procedures / Material and methods for containment and cleanup procedures:** Wear protective equipment to prevent skin contamination. In the case of spillage, contain spilled material with material such as sand or clay and cover if there is a potential for the powder to be blown away. Dispose of waste as indicated below or according to the Australian Standard 2507 - Storage and Handling of Pesticides. Wear prescribed protective clothing and equipment. Keep out animals and unprotected persons.

**SECTION 7 HANDLING AND STORAGE**

**Precautions for safe Handling:** No smoking, eating or drinking should be allowed where material is used or stored.

When opening the container, and using the product wear cotton overalls (or equivalent clothing) buttoned to the neck and wrist and a washable hat and PVC or rubber gloves. Wash hands after use. Avoid inhaling dust.

**Conditions for safe Storage:** Not classified as a Dangerous Good. This product is not a Scheduled Poison.

Keep out of reach of children. Store in the closed, original container in a cool well ventilated area. Do not store for prolonged periods in direct sunlight. Do not dispose of product on site.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines:**

No exposure limits have been assigned to this product or ingredients by NOHSC Australia.

**Biological Limit Values:**

No biological limit allocated.

**Engineering controls:**

Use in ventilated areas. Keep containers closed when not in use. No special engineering controls are required.

**Personal Protective equipment (PPE):**

Skin: When opening the container and using the product wear cotton overalls (or equivalent clothing) buttoned to the neck and wrist and PVC or rubber gloves. Wash before smoking, eating or using toilet facilities. Wash hands after use.

Respiratory Protection: Generally not required. Use of a respirator may be required in certain circumstances to protect from inhalation of dust.

A professional bee keeper's suit is recommended for protection against wasps.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	White powder.
<b>Odour:</b>	Slight chemical odour.
<b>Boiling point:</b>	Not applicable - powder.
<b>Freezing point:</b>	Not applicable - powder
<b>Relative density:</b>	700 to 850 g/L.
<b>Solubility in Water:</b>	Miscible with water.
<b>pH:</b>	Not applicable - powder.
<b>Flammability:</b>	Not flammable.
<b>Corrosive hazard:</b>	Not corrosive.
<b>Flashpoint (°C) :</b>	Not established. Powder.
<b>Flammability Limits (%):</b>	Not flammable.



## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES (Continued)

**Poisons Schedule:** Not a scheduled poison.  
**UN Number:** Not applicable - Not classified as a Dangerous Good.

## SECTION 10 STABILITY AND REACTIVITY

Product is considered stable for a period of at least 2 years after manufacture.

## SECTION 11 TOXICOLOGICAL INFORMATION

No specific data is available for this product as no toxicity tests have been conducted on this product. Information presented is our best judgement based on similar products and/or individual components. As with all products for which limited data is available, caution must be exercised through the use of protective equipment and handling procedures to minimise exposure.

### **Potential Health Effects:**

#### **ACUTE EFFECTS**

Swallowed: No adverse effects, however large amounts may cause nausea and vomiting.  
Eye: This product may cause physical irritation to the eyes.  
Skin: This product is not irritating to the skin.  
Inhaled: Inhalation of dust may produce a physical respiratory irritation.

Toxicological data:

**d-phenothrin:** Acute oral LD<sub>50</sub> (rat) = > 5,000 mg/kg.  
Acute Dermal LD<sub>50</sub> (rabbit) > 10,000 mg/kg.  
Acute inhalation LC<sub>50</sub> (rat) > 3.76 mg/L.  
Acute Skin irritation – Non irritating.  
Acute eye irritation – Not irritant.  
Acute skin sensitization – Not a sensitizer.

**Long Term Exposure:** No carcinogenicity, mutagenicity, teratogenicity or reproductive effects has been observed in long term studies conducted with laboratory animals.

## SECTION 12 ECOLOGICAL INFORMATION

**Environmental Toxicology:** No data is available on this product. The active ingredient, d-phenothrin, has low toxicity to birds with an eight-day dietary LC<sub>50</sub> > 5000 mg/kg (Mallard duck) and an LD<sub>50</sub> > 2510 mg/kg (Bobwhite quail). Moderate toxicity to fish with 96 hour LC<sub>50</sub> 17-200 µg/L (various fish species).

**Environmental Fate:** d-phenothrin is rapidly degraded in sunlight (DT<sub>1/2</sub> less than 1 day).

## SECTION 13 DISPOSAL CONSIDERATIONS

**Spills and Disposal:** Persons involved in cleanup require adequate skin protection - see section 8. Dispose of waste as indicated below or in accordance to the Australian Standard 2507- Storage and Handling of Pesticides. Keep material out of streams and sewers. Vacuum, shovel or pump waste into an approved drum. Dispose of drummed wastes in accordance with the requirements of Local or State Waste Management Authorities.

**SECTION 13 DISPOSAL CONSIDERATIONS (Continued)**

Puncture or shred and bury empty 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. Do not re-use empty containers.

**SECTION 14 TRANSPORT INFORMATION**

This product is not classified as a Dangerous Good.  
This product is not a Scheduled Poison.

**SECTION 15 REGULATORY INFORMATION**

Under the Standard for Uniform Scheduling of Drugs and Poisons (SUSDP), this product is not a scheduled poison.

This product is registered under the Agricultural and Veterinary Chemicals Code Act 1994. Product Registration No. 59063.

This product is not classified as a Hazardous Substance under the criteria of NOHSC Australia.

This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**SECTION 16 OTHER INFORMATION**

Issue Date: 9 March 2006. (First issue).

Key to abbreviations and acronyms used in this MSDS:

ADG Code Australian Dangerous Goods Code (for the transport of dangerous goods by Road and Rail).

Carcinogen An agent which is responsible for the formation of a cancer.

Genotoxic Capable of causing damage to genetic material, such as DNA.

Mutagenic Able to produce a mutation (a change in the genetic material of cells).

NOHSC National Occupational Health and Safety Commission.

PPE Personal protective equipment.

TWA. Exposure standards are generally as a Time-weighted Average (TWA) concentration of a substance over an eight-hour working shift, and apply to an eight hour day for a five day working week over an entire working lifetime. Where unusual work patterns, such as overtime are adopted, caution should be exercised in the application of exposure standards.

**References**

1. "Search Hazardous Substances". HSIS NOHSC Australia website. (2005).
2. "Approved Criteria for Classifying Hazardous Substances" 3<sup>rd</sup> Ed. NOHSC Australia. [NOHSC:1008 (2004)]. October 2004.

*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.*

End MSDS