

# Material Safety Data Sheet

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Infosafe No. BSG3 Issue Date : November 2005 ISSUED by BASFANZ

Product Name : **TERMIDOR® Dust Termiticide**

Not classified as hazardous according to criteria of NOHSC

## COMPANY DETAILS

**Company Name** BASF Australia Ltd (ABN 62 008 437 867)  
**Address** 500 Princes Highway Noble Park  
Victoria 3174 Australia  
**Emergency Tel.** 1800 803 440 (24h)  
**Tel/Fax** Tel: +61 3 9212 1500 Fax: +61 3 9212 1511

## IDENTIFICATION

**Product Name** TERMIDOR® Dust Termiticide  
**UN Number** None Allocated  
**DG Class** None Allocated  
**Packing Group** Not applicable  
**Hazchem Code** Not applicable  
**Poisons Schedule** Not Scheduled  
**Product Use** For the control of infestations of termites  
**Substance Chemical Family** Phenyl pyrazole

## Physical Data

**Appearance** Fine, white, odourless powder  
**Melting Point** Not applicable  
**Boiling Point** Not applicable  
**Vapour Pressure** Product: not applicable  
Technical fipronil:  $3.7 \times 10^{-7}$  Pa at 25 °C  
**Specific Gravity** Not available  
**Flamm. Limit LEL** Combustible. Avoid dust formation. Can form explosive dust/air mixture  
**Flamm. Limit UEL** Not applicable  
**Solubility in Water** Negligible  
**Density** Loose density: > 130 g/L  
Bulk density: 40 - 160 g/L

## Other Properties

**pH Value** 5-7.5  
**Other Information** Screen analysis  
(Alpine Air Draught Sieve)  
larger than 160 um <1%  
larger than 90 um <15%  
larger than 32 um <65%

## Ingredients

Ingredients	Name	CAS	Proportion
	Fipronil	120068-37-3	0.5 %w/w
	Other ingredients	(Non hazardous)	99.5 %w/w

## HEALTH HAZARD INFORMATION

**Symptoms and Effects** No adverse health effects are expected if the product is handled in accordance with this Material Safety Data Sheet and the product label.

## Health Effects

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**Acute - Swallowed** Upper respiratory irritation, caused by dust. Low acute oral toxicity  
**Acute - Eye** May irritate eyes.  
**Acute - Skin** Dust may cause irritation to sensitive skin. Low acute dermal toxicity.  
**Acute - Inhaled** May cause irritation to mucous membranes of nose and throat.  
**Chronic** Repeated exposures are unlikely to cause any chronic effect

## First Aid

**Swallowed** If swallowed, immediately contact a doctor or Poisons Information Centre (telephone 13 11 26), and follow the advice given.  
**Eye** Do not rub eyes. Flush eyes with copious amounts of water to remove any dust particles. Consult physician if irritation persists.  
**Skin** Remove contaminated clothing. Wash affected areas with plenty of soap and water.  
**Inhaled** If inhaled, remove to fresh air and obtain medical advice.  
**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.  
**First Aid** If poisoning occurs, contact a doctor or Poisons Information Centre (telephone 131126) and follow the advice given. Show this Material Safety Data Sheet to a doctor.  
**First Aid Facilities** Ensure washing facilities are available.

## Advice to Doctor

**Advice to Doctor** The low content of fipronil is unlikely to cause any adverse effects in the event of exposure. The dust carrier may cause irritation effects.

## Other Health Hazard Information

## PRECAUTIONS FOR USE

**Exposure Limits** <10 mg/cu. metre respirable mass. When used with DE, the exposure limit should be the Cristobolite standard i.e. TWA concentration of 0.1 mg/cu. metre respirable mass.  
**Eng. Controls** Adequate ventilation and dust collection to keep dust levels below TWA. Employ techniques to eliminate static discharges.

## Personal Protection

**Respirator Type (AS 1716)** Wear dust mask.  
**Eye Protection** Avoid contact with eyes.  
**Glove Type** Wear waterproof gloves.  
**Clothing** Avoid contact with skin. Full length work clothes should be worn when using this product.  
**Other Information** Wash hands after use. After each day's use, wash gloves and contaminated clothing.

## Flammability

**Fire Hazards** May form explosive dust-air mixture when handling. In case of fire, smoke, carbon monoxide and carbon dioxide are emitted.

## SAFE HANDLING INFORMATION

## Storage and Transport

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**Storage Precautions** Keep out of reach of children. Store in the closed, original container in a cool, well ventilated area, out of direct sunlight.

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

## Spills and Disposal

**Spills & Leaks** Dealing with spills and disposal may result in increased personal exposure. During such operation it is recommended that the following protective clothing is worn: cotton overalls buttoned to the neck and wrist, waterproof gloves and dust. Avoid creating unnecessary dust. Contain spill, sweep up or shovel and place in properly labelled sealed drums for safe disposal. Do NOT flush to drains or sewers. Do NOT contaminate streams, rivers or watercourses. Deal with all spillages immediately.

**Disposal** Shake and completely empty contents into dust application equipment. Do not dispose of unused chemicals on-site. Break, crush and bury empty containers in a local authority landfill. If not landfill is available, bury the container below 500mm in a disposal pit specifically marked and set up for this purpose, clear or waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

## Fire/Explosion Hazard

**Fire/Explos. Hazard** May form explosive dust-air mixture when handling

**Fire Fighting Procedures** Firefighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1716:2000). If possible and without risk, remove intact containers from exposure to fire. Otherwise, spray unopened containers with water to keep cool. Whenever possible, contain fire-fighting water by bunding area with sand or earth to prevent it entering any bodies of water.

**Extinguishing Media** Water spray / fog

**Stability and Reactivity** Keep dust away from ignition sources and oxidising agents.

**Hazchem Code** Not applicable

## OTHER INFORMATION

**Toxicology** Product has low toxicity.  
Technical fipronil  
Acute oral LD50 (mg/kg): 97 (species: rat)  
Acute dermal LD50 (mg/kg): >2000 (species: rat)  
Inhalation LC50 4 hr(mg/L): 0.682 (species: rat)

**Information on Ecological Effects** No unintended effects expected from product use

## CONTACT POINT

...End Of MSDS...