

SAFETY DATA SHEET

Information sheet on BIFORCE 200SC Termiticide & Insecticide diluted suspension

This safety data sheet applies only to the diluted working concentration of BIFORCE 200SC Water-Based Termiticide & Insecticide which is prepared by mixing BIFORCE 200SC Water-Based Termiticide & Insecticide concentrate to the correct volume of water. For detailed information please refer to BIFORCE 200SC Water-Based Termiticide & Insecticide concentrate MSDS.

Product Identification

Product name:	BIFORCE 200SC Water-Based Termiticide & Insecticide Diluted Suspension
Active Constituent:	0.5 to 1.5 grams Bifenthrin per litre of water
Use:	For use by professional pest managers for the protection of structures from subterranean termite damage and for the control of termites and a range of urban household pests.

Manufacturer

Australian Company name & Contact details	Sherwood Chemicals Australasia Pty Ltd Address: Level 3, 1060 Hay Street, WEST PERTH 6005 AUSTRALIA Tel: +61 8 9219 4683 Fax: +61 8 9219 4672 Web: www.sherwoodchemicals.com.au Emergency Telephone number: All hours +61 421 667972
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Ingredients

Bifenthrin (Active Ingredient)	0.5g – 1.5g/L
Solvents & other	~1%
Water	>98%

Dilution Physical Description

Suspension	
Appearance	White milky liquid
Suspension	
Odour	Slight to no odour
Leaching capabilities	Bifenthrin is insoluble in water and binds strongly to soils, and therefore does not leach. Water Solubility <0.0001 mg/L Soil Binding constant Koc = 1.3 x 10 ⁵ (very strong binding to soil).
Air borne residual hazard	<i>Bifenthrin</i> has an extremely low vapour pressure [(25oC)1.81 x 10 ⁻⁷ mm Hg] therefore when used as directed, Biforce spray mix once dry does not produce air borne residues.
Persistence & degradability	No bioaccumulation potential.

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Health hazard Information

Acute effects	No adverse health effects are expected if the suspension is handles correctly by the applicator.
Swallowed	Slightly toxic if consumed in large quantities
Eyes	May cause slight irritation of the eyes
Skin	Non toxic and non irritant if contacted by skin, unless particularly sensitive.
Inhaled	Non toxic if suspension is inhaled
Chronic effects	Long term studies on Bifenthrin, the active ingredient of Biforce, showed that it was non carcinogenic and that it did not cause reproductive toxicology or teterogenicity.
First Aid	If concerned, please contact a doctor or nearest Poisons Information Centre.
If Swallowed	Contact a doctor or Poisons Information Centre (Phone 131126). However, Biforce suspension is unlikely to cause any adverse health effects unless taken in large quantities.
If on skin	Remove contaminated clothing and wash skin with soap and water
If in eyes	Flush with water for several minutes and if irritation is present contact a doctor immediately
Toxicity	Biforce suspension is a low toxicity substance and should not present and health hazard unless vast quantities are consumed. The availability of vast quantities should never be possible on any type of premise application.

Precautions

Extremely toxic to aquatic animals – keep clear of ponds, waterways and drains.

Do not inhale spray mist and avoid contact with skin and eyes.

Keep children and pets well clear of the licensed professional pest technician with application are in progress.

Spillage

In the case of spillage contain and absorb spilled Biforce Suspension with absorbent material such as sand, clay or cat litter and dispose of waste by depositing contaminated absorbent material in drums and sealing before safely burying the drum at an approved disposal site. Or refer to the Australian Standard 2507 - Storage and Handling of Pesticides for more detail. Wear and use prescribed protective clothing and equipment. Keep out animals and unprotected persons, especially children.

Keep Biforce Suspension out of streams, sewers, drains and other waterways. Dangerous to fish.

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Other Information

When Biforce Suspension is applied and handled in the correct manner it will not harm people or the environment.

The molecule Bifenthrin, the active ingredient in BIFORCE 200SC Water-Based Termiticide & Insecticide suspension has been developed to imitate the natural pyrethrum insecticidal qualities of the *Chrysanthemum* flower to produce the synthetic pyrethroid.

MSDS last update: 28th January 2012

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END OF MSDS