

# Material Safety Data Sheet

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Infosafe No. 1BFFU Issue Date : November 2005 ISSUED by BASFANZ

Product Name : FENDONA\* 15SC INSECTICIDE

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  
**Other Information** BASF New Zealand Limited  
3 Airpark Drive, Airport Oaks, Manukau  
P.O. Box 407, Auckland 1015  
Phone: + 64 9 255 4300  
Fax: + 64 9 255 4307  
E-mail address: reception@basf-nz.co.nz  
Emergency advice: 0800 944 955 (24h)  
National Poisons Centre - 24 hour Urgent Information: 0800 764 766  
National Poisons Centre - Non-Urgent Information: +64 3 479 7248

## IDENTIFICATION

**Product Name** FENDONA\* 15SC INSECTICIDE  
**Proper Shipping Name** None Allocated  
**Other Names** Name Product Code  
Alpha-cypermethrin  
**UN Number** None Allocated  
**DG Class** None Allocated  
**Packing Group** None Allocated  
**Hazchem Code** None Allocated  
**Poisons Schedule** S5  
**Product Use** Public health synthetic pyrethroid insecticide.

## Physical Data

**Appearance** White flowable liquid  
**Melting Point** Not available  
**Boiling Point** Not available  
**Vapour Pressure** Not available  
**Specific Gravity** 1.023  
**Flash Point** None, based on water  
**Flamm. Limit LEL** Not applicable  
**Flamm. Limit UEL** Not applicable  
**Solubility in Water** Disperses in water

## Other Properties

**Volatile Component** Not available  
**Autoignition Temp.** Not applicable  
**Evaporation Rate** Not available  
**Vapour Density** Not available

## Ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
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Water	7732-18-5	82.7 %
Inert ingredients		15.8 %
Alpha-cypermethrin	67375-30-8	1.5 %

## HEALTH HAZARD INFORMATION

### Health Effects

<b>Acute - Swallowed</b>	Slightly toxic.
<b>Acute - Eye</b>	May cause irritation.
<b>Acute - Skin</b>	Mildly irritating to skin. If substantial skin contact occurs it could cause facial numbness.
<b>Acute - Inhaled</b>	Little inhalation hazard if used in the correct manner.
<b>Chronic</b>	Animal studies indicate repeated or prolonged exposure to alpha-cypermethrin can act on the nervous system and produce excitatory effects predominantly on the sensory nerve endings. Chronic feeding studies on animals do not indicate any cumulative toxicity and show that the compound is neither a carcinogen nor a teratogen.
<b>Other Information</b>	No adverse health effects are expected if the product is handled in accordance with this Material Safety Data Sheet and the product label.

### First Aid

<b>Swallowed</b>	If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone 131126 Australia-wide.
<b>Eye</b>	Hold eyes open, flood with water for 15 minutes and see a doctor.
<b>Skin</b>	Remove contaminated clothing and wash skin thoroughly with soap and water.
<b>Inhaled</b>	Inhalation is not normally harmful.

### Advice to Doctor

<b>Advice to Doctor</b>	FENDONA 15SC contains alpha-cypermethrin a synthetic pyrethroid. Treat symptomatically. If indicated, lavage with cuffed tube.
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### Other Health Hazard Information

## PRECAUTIONS FOR USE

<b>Exposure Limits</b>	None established.
<b>Eng. Controls</b>	Do NOT inhale spray mist.

### Personal Protection

<b>Other Information</b>	Harmful if swallowed. May irritate the eyes and skin. Facial skin contact may cause temporary facial numbness. Avoid contact with eyes and skin. Avoid inhaling spray mist. When preparing spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.
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### Flammability

<b>Fire Hazards</b>	Not flammable.
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## SAFE HANDLING INFORMATION

### Storage and Transport

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**Storage and Transport** Store in the original container, tightly closed, in a safe place. Keep away from foodstuffs.

Ensure containers are correctly labelled and securely sealed.

Not classified as a dangerous substance for transport purposes.

Eye-wash and washing facilities must be readily available.

For decontaminating and disposing spills, have lime, soda ash, absorbent material and open head drums on hand.

**Proper Shipping Name** None Allocated

## Spills and Disposal

**Spills & Disposal** Clear area of all unprotected personnel. Wear full protective equipment including breathing apparatus. Stop leak if safe to do so by manoeuvring the container. Decant leaking container into a clean empty drum remote from the storage area and label. If leaking container can be repacked, contact BASF Australia Ltd, so that an overdrum and transport for return to a nominated BASF location can be arranged.

Do NOT flush to drains or sewers. Do NOT contaminate streams, rivers or water courses.

Absorb spill in lime or wet area with 5% soda ash (sodium carbonate) solution and absorb on sand, earth or non-combustible absorbent material. Place material in open top drum, clean up with small amount of detergent and water, absorb and place in drum. Scatter lime over the area and leave for 1 hour. Decompose contaminated absorbent and surplus material with 5% soda ash solution. Leave in a safe place for one month. Seal drum and bury in an area approved by the local waste disposal authority.

Soak protective equipment in 5% soda ash solution for at least 24 hours. Rinse and dry. Wash overalls.

Drain empty container well into sprayer. Triple rinse containers with water before disposal. Add rinsings to spray tank. Do NOT dispose of undiluted chemicals on-site.

Break, crush or puncture and bury empty containers in a local authority landfill. If not available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should NOT be burnt.

## Fire/Explosion Hazard

**Fire/Explos. Hazard** Decomposition may give rise to toxic and noxious fumes. Alcohol resistant foam, carbon dioxide or dry chemical extinguishers are required. Ensure respiratory equipment is available.

Evacuate immediate area. Advise Fire Brigade of nature of hazard. Wear full protective equipment, including breathing apparatus. Remove drums from site of fire, if possible, as overheating may cause some of the drums to explode. Cool surrounding containers with a fine water spray.

Avoid contact of water with material as toxic run-off will form. In this event, consideration should be given to allowing the fire to burn out. Contain run-off.

**Hazchem Code** None Allocated

## OTHER INFORMATION

**Toxicology** Acute Toxicity LD50 (mg/kg)  
Rat Oral >5000  
Rat Dermal >2000

**Other Information** PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT  
Dangerous to fish. Do NOT contaminate ponds, waterways or drains with FENDONA 15SC INSECTICIDE or used containers.

## CONTACT POINT

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<b>Contact</b>	Regulatory Affairs Officer (Aus)	Tel: +61 3 9281 6346	Fax: +61 3 9281 6346
	Business Support (NZ)	Tel: 0800 932 273	Fax: 0800 940 000

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. It should be read taking into account how the product is handled in your particular situation and how it is used in conjunction with other products.  
...End Of MSDS...