

# MATERIAL SAFETY DATA SHEET

## Blattanex Professional Crack & Crevice Aerosol

Date of Issue: October 7, 2002

### 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

**Product name:** Blattanex Professional Crack & Crevice Aerosol  
**Other names:** None  
**Product code:** 65770  
**Recommended use:** Insecticide surface spray aerosol for use by professional pest control operators  
**Supplier:** Bayer Environmental Science – A Business Group of Bayer  
CropScience Pty Ltd ABN 87 000 226 022  
**Address:** 391 - 393 Tooronga Road, East Hawthorn  
Victoria 3123, Australia  
**Telephone:** (03) 9248 6888  
**Facsimile:** (03) 9248 6800  
**Website:** [www.bayercropscience.com.au](http://www.bayercropscience.com.au)  
**Contact:** Technical Manager (03) 9248 6888  
**Emergency Telephone Number:** 1800 033 111 – Orica SH&E Shared Services

### 2. HAZARDS IDENTIFICATION

#### HAZARDOUS SUBSTANCE - DANGEROUS GOOD

Will irritate skin. Highly flammable

#### Hazard

**designation:** Hazardous according to criteria of Worksafe Australia  
**Risk phrases:** Toxic if swallowed  
**Safety phrases:** Not applicable  
**ADG classification:** Not "dangerous goods" for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. For shipment by sea this product is a MARINE POLLUTANT.  
**SUSDP classification:** Schedule 5 (Standard for the Uniform Scheduling of Drugs and Poisons)

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Concentration (g/kg):
Propoxur	[114-26 1]	20
Tetramethrin	[7696-12-0]	2
Piperonyl butoxide	(51-03-6)	10
Ethanol	64-17-5	300
Deodorised kerosene	8008-20-6	167
Other ingredients (non hazardous)		501

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### 4. 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.**

**Inhalation:** Not available

**Skin contact:** If sprayed on skin wash thoroughly

**Eye contact:**

**Ingestion:** If sprayed in mouth rinse mouth with water

**First Aid Facilities:** Provide washing facilities in the workplace.

**Symptoms:** Propoxur presents the greatest hazard.  
Symptoms of overexposure: Exhaustion, weakness, confusion, vomiting, stomach cramps, cold sweating, salivation, tightness of the chest, muscle twitches, diarrhoea, difficulty in breathing, slow heart rate and narrowed pupils. In very severe cases: convulsions, blue colouration of the skin, profuse sweating, incontinence, confusion, cardio-respiratory failure and coma.

**Medical attention:** Apply basic aid and decontamination procedures. Treat symptoms and, if necessary, administer antidote.

Antidote: Atropine sulphate at 5-10 minute intervals until dryness of the mouth occurs. It is not recommended to administer oximes (PAM) in the treatment of carbamate pesticide poisoning.

### 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Water fog or foam

**Hazards from combustion products:** Hydrochloric acid, Phosphorus Pentoxide, and Oxides of Nitrogen may be emitted.

**Precautions for fire fighters:** Special firefighting procedures: Fight fire in the early stages if safe to do so. Wear respiratory protection.

Well ventilated areas: wear full face mask with combination filter eg., ABEK-P2 (offers no protection from carbon monoxide)

Enclosed premises: wear respirator with independent air supply.

Beware of pressurised aerosol containers exploding in fire.

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### 6. ACCIDENTAL RELEASE MEASURES

Presentation as a pressurised aerosol can means widespread spillage is unlikely. Pressurised aerosol containers can present an explosive hazard if damaged and any damaged cans should be handled with care and isolated. Damage to containers which results in leakage of contents is likely to cause contamination of localised areas only. Clean affected area with an aqueous detergent and a small amount of water. Absorb this with hydrated lime and place in a sealable container. Spread hydrated lime over the affected area. Do not smoke, eat or drink during the clean-up operation.

### 7. HANDLING AND STORAGE

**Handling:** Keep out of reach of children.

**Storage:** Keep in a cool place out of the sun.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure standards:** Propoxur TWA 0.5 mg/cu metre (ACGIH)  
Ethanol TWA 1880 mg/cu metre (1000 ppm) (ACGIG)

NOHSC exposure standards have not been established for other ingredients in this formulation.

**Engineering controls:** No engineering controls are required for the normal use of this product according to label.

**Personal Protective Equipment:** None required.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Aerosol can  
**Odour:** Characteristic odour  
**Vapour pressure:** Not established  
**Vapour density:** Not available  
**Boiling point:** Not established  
**Freezing/melting point:** Not established  
**Solubility:** Not established  
**Density:** 0.77

**pH:** Not established  
**Flash Point:** Not established  
**Flammability:** Highly flammable. Do not puncture or incinerate can.

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Store at normal room temperature.  
Do not spray uninterrupted for more than 10 seconds in confined spaces. Keep away from naked flames. Ensure good ventilation.

**Flammability (explosive) limits:** Not established. Highly flammable  
**Auto-ignition temperature:** Not established  
**Octanol/water partition coefficient:** Not available  
**Formulation:** Aerosol

### 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions of use.  
**Hazardous polymerisation:** None

**Conditions to avoid:** Highly flammable. Do not puncture or incinerate can.  
Store at normal room temperature.  
Do not spray uninterrupted for more than 10 seconds in confined spaces. Keep away from naked flames. Ensure good ventilation.

**Incompatible materials:** Not Available

**Hazardous decomposition products:** Hydrochloric acid, Phosphorus Pentoxide, and Oxides of Nitrogen may be emitted.

### 11. TOXICOLOGICAL INFORMATION

#### POTENTIAL HEALTH EFFECTS

**Inhalation:** Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.

**Skin contact:** Will irritate the skin.

**Eye contact:** Not available

**Ingestion:** Not available

**Other:** None

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ANIMAL TOXICITY DATA – PRODUCT: No data available for the product.

ANIMAL TOXICITY DATA – INDIVIDUAL INGREDIENTS:

### Acute:

**Oral toxicity:** LD<sub>50</sub> Oral (ingestion)  
Rat: propoxur 90-128 mg/kg i.e. toxic  
piperonyl butoxide >5000 mg/kg i.e. low toxicity.  
tetramethrin >5000 mg/kg i.e. low toxicity.

**Dermal toxicity:** LD<sub>50</sub> Dermal (skin contact)  
Rat: propoxur >800 mg/kg i.e. toxic  
piperonyl butoxide - not established.  
tetramethrin 11500 mg/kg i.e. very low toxicity.

**Inhalation toxicity:** Not available

**Skin irritation:** Not Available

**Eye irritation:** Not Available

**Sensitisation:** Not Available

### Chronic:

The effects of chronic exposure to this formulation have not been evaluated

## 12. ECOLOGICAL INFORMATION

<b>Fish toxicity:</b>	Carp (Cyprinus carpio)	LC <sub>50</sub> : 10 - 40 (48 hours)
	Goldfish	LC <sub>50</sub> : 10.0 ppm (96 hours)
	Rainbow trout (Salmo gairdneri)	LC <sub>50</sub> : 4.0 ppm (96 hours)

**Daphnia toxicity:** Not Available

**Toxicity to algae:** Not Available

**Bird toxicity:** Not Available

**Bee toxicity:** Propoxur is classed as extremely toxic to bees

**Other:** None

**Environmental fate, persistence and degradation:** Not Available

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### 13. DISPOSAL CONSIDERATIONS

- 1) After intended use: Do not puncture or incinerate the can even when empty. Aerosols should be completely empty (used) before disposal. Place empty cans in household rubbish.
- 2) After spill or accident: Dispose of sealed containers at an approved local waste disposal site.

### 14. TRANSPORT INFORMATION

**UN number:** 1950

**Proper shipping name:** Aerosols

**Class and Subsidiary Risk:** 2.1 Subsidiary Risk: None Allocated

**Packing Group:** Not applicable

**EPG:** Not applicable

**Hazchem code:** Not applicable

### 15. REGULATORY INFORMATION

Registered according to the Agricultural and Veterinary Chemicals Act 1988

National Registration Authority approval number: 52238

### 16. OTHER INFORMATION

**Trademark**

**information:** Blattanex® is a Registered Trademark of Bayer.

**Preparation information:** Replaces October 12, 2001 edition.

**information:** Reason for update: Conversion to 16 heading format.

**Data sources:** Bayer CropScience Pty Ltd product safety data and published data  
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.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

END OF MSDS