

# Material Safety Data Sheet



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** BLITZ-EM! ANT, FLEA & TICK KILLER

**Recommended Use:** Insecticide for the control of ants, fleas and ticks outside the home.

**Supplier:** Yates, a Division of Orica Australia Pty Ltd  
**ABN:** 004 117 828  
**Street Address:** 1 Gow Street,  
Padstow, NSW 2211  
Australia  
**Telephone Number:** +61 2 9781 8800  
**Facsimile:** +61 2 9794 9700

**Emergency Telephone:** 1 800 033 111 (ALL HOURS)

## 2. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous according to criteria of ASCC; NON-HAZARDOUS SUBSTANCE.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

**Poisons Schedule:** None allocated.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components / CAS Number	Proportion	Risk Phrases
Sand (Crystalline silica)	>60%	R48/20, Carc. Cat. 1 R49
-		
Bifenthrin 82657-04-3	2 g/kg	R25 R50/53
Ingredients determined not to be hazardous	to 100%	-
-		

## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764766) or a doctor.

**Inhalation:** Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.

**Skin Contact:** If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation

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occurs seek medical advice.

**Eye Contact:** If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**Ingestion:** Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical assistance.

**Medical attention and special treatment:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Hazards from combustion products:** Non-combustible material.

**Precautions for fire fighters and special protective equipment:** Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

**Suitable Extinguishing Media:** Not combustible, however, if material is involved in a fire use: Media applicable to surrounding fire.

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures:** If contamination of sewers or waterways has occurred advise local emergency services.

**Methods and materials for containment and clean up:** Wear protective equipment to prevent skin and eye contact. Collect and seal in properly labelled containers.

## 7. HANDLING AND STORAGE

**Conditions for safe storage:** Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Store away from foodstuffs. Keep containers closed when not in use - check regularly for spills.

**Precautions for safe handling:** Keep out of reach of children. Avoid skin and eye contact and breathing in dust.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

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Silica Crystalline - Quartz: 8hr TWA = 0.1 mg/m<sup>3</sup>

As published by the National Occupational Health and Safety Commission.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

## Engineering controls:

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

## Personal Protective Equipment:

No special personal protective equipment required. Wash hands after use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Granules
Colour:	Tan
Odour:	Slightly Musty
Solubility:	Insoluble in water.
Specific Gravity:	1.39 (bulk density)
Flash Point (°C):	N App
Melting Point/Range (°C):	N Av

## 10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use.
Conditions to avoid:	Avoid contact with foodstuffs.
Incompatible materials:	Incompatible with oxidising agents.
Hazardous decomposition products:	Hydrogen chloride. Hydrogen fluoride. Oxides of carbon.
Hazardous reactions:	None known.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product

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label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Ingestion:** No adverse effects expected, however, large amounts may cause nausea and vomiting.

**Eye contact:** Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

**Skin contact:** Not expected to be a skin irritant.

**Inhalation:** Not a likely route of exposure due to the physical form of the product.

## Long Term Effects:

No information available for the product. Repeated or prolonged breathing of silica dust may result in chronic lung diseases such as silicosis and potentially lung cancer. However, due to the particle size of the silica (sand) this is not expected to be relevant providing this product is used as recommended and good occupational work practices are observed.

## Toxicological Data:

Oral LD50 (rat): >5000 mg/kg (1)

Dermal LD50 (rabbit): >2000 mg/kg (1)

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Avoid contaminating waterways. For BIFENTHRIN:

### Aquatic toxicity:

Very toxic to aquatic organisms.

48hr LC50 (Daphnia magna): 0.00016 mg/L (2)

96hr LC50 (rainbow trout): 0.00015 mg/L (2)

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Refer to Waste Management Authority. Dispose of material through a licensed waste contractor.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

### Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

This material is classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code.

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**UN No:** 3077

**Class-primary:** 9 Miscellaneous Dangerous Goods  
**Packing Group:** III  
**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS BIFENTHRIN)

## Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

**Classification:** Based on available information, not classified as hazardous according to criteria of ASCC; NON-HAZARDOUS SUBSTANCE.  
**Poisons Schedule:** None allocated.

This product is registered in Australia by the Australian Pesticides & Veterinary Medicines Authority (APVMA).

## 16. OTHER INFORMATION

- (1) Supplier Material Safety Data Sheet; 03/ 2006.
- (2) In: 'The Pesticide Manual'. 13th Edition. Ed. CDS Tomlin. British Crop Protection Society, 2003.

### **Reason(s) for Issue:**

First Issue Primary MSDS

This material safety data sheet has been prepared by SH&E Shared Services, Orica. This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Orica Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact their Orica representative or Orica Limited at the contact details on page 1. Orica Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

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