

# BERKSHIRE & BASINGSTOKE PEST CONTROL



## Health and Safety Data LUXAN UK LTD

PRODUCT: LUXAN BIOPREN® BM DATE OF ISSUE: SEPT 2001

### 1. IDENTIFICATION OF THE PREPARATION AND COMPANY.

PRODUCT NAME "BIOPREN BM" Pharaoh Ant Colony Eliminator HSE 7124

COMPANY Luxan (UK) Ltd, Sysonby Lodge, Nottingham Road  
Melton Mowbray, Leics.. LE13 0NU

EMERGENCY CONTACTS Luxan (UK) Ltd. Tel: 01 664 566 372 Fax: 01 664 480 137.

For further medical advice for doctors, contact:

The National Poisons Information Service - 0870 600 6266 (UK only)  
Or Dublin - 00 3531 379 964/379 966  
For further medical advice for veterinary surgeons please call - 020 7635 9195

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredient: Methoprene (IGR) 0.5% Chemical name: Isopropyl (E,E)-(S)-11  
methoxy- 3.7.11 -trimethyldodeca- 2,4-dienoate)

### 3. HAZARD IDENTIFICATION

Not hazardous to the environment. Occupational exposure limit not establish. Carcinogenicity - not listed by NTP, IARC or OSHA.

### 4. FIRST-AID MEASURES

Eyes: **Immediately flush the eyes with copious amounts of water for at least 15 minutes.** If irritation persists seek medical attention.

Skin: If irritation occurs, wash affected area with soap and water.

Inhalation: Remove to fresh air.

Ingestion: Wash mouth with water. Seek medical attention.

### 5. FIRE-FIGHTING MEASURES

Extinguishing media: Water, carbon dioxide.

Additional information: In case of fire handle as food. If possible contain to run-off for proper disposal.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not inhale dust. Avoid contact with eyes and skin. Protective gloves are recommended.

Methods of cleaning up: Sweep and transfer into waste containers for disposal. Clean the spill area with detergent and hot water. Contain the spill. Prevent from reaching surface waters or other water supplies.

**H.O. 1 Vicarage Wood Way Reading RG31 6ZX Tel.: 0118 941 0291**  
**E Mail: [alec.minter@virgin.net](mailto:alec.minter@virgin.net) Internet: [www.pestuk.com](http://www.pestuk.com)**

# BERKSHIRE & BASINGSTOKE PEST CONTROL



## Health and Safety Data LUXAN UK LTD

---

### 7. HANDLING AND STORAGE

Handling/storage: Store containers upright and closed. Store at room temperature in areas that are dry and well ventilated. Store away from heat, ignition sources and strong oxidisers. **Store far from odorous substances!** Do not contaminate water, feed or food by storage, handling and disposal. Read and follow all precautions and instructions on the product label.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautions from Product Label:  
WASH HANDS AFTER HANDLING KEEP IN A SAFE PLACE, out of reach of children.

Protective clothing: Avoid contact with clothes and skin.  
  
Mechanical ventilation may be used when handling this product in enclosed spaces.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Sticky solid powder: brownish powder and granules.

Odour: Strong odour of liver.

Water solubility:  
(active ingredient) Partially (sol. Of honey).

Specific gravity: 0.60 - 0.80 g/cm.

Melting point: Over 180 °C with decomposition (carbonisation).

PH value: 6.0 - 7.0 (dispersion in water).

Flashpoint: Not available

Explosion properties: Not flammable in settled-down state.

Oxidation properties: None.

Additional information: Product contains over 99% of food ingredients.

### 10. STABILITY AND REACTIVITY

Chemical stability: Stable under usual application conditions.

Conditions to avoid: Strong heating, sources of ignition, UV light.

Substances to avoid: Oxidants eg, oxygen, alkali hypochlorides, odourants eg, perfumes, organic chemicals.

Hazardous decompositions: Will not occur.

H.O. 1 Vicarage Wood Way Reading RG31 6ZX Tel.: **0118 941 0291**  
E Mail: [alec.minter@virgin.net](mailto:alec.minter@virgin.net) Internet: [www.pestuk.com](http://www.pestuk.com)

# BERKSHIRE & BASINGSTOKE PEST CONTROL



## Health and Safety Data LUXAN UK LTD

Hazardous reactions: Not known.

### 11. TOXICOLOGICAL INFORMATION

Toxicity data of bait: Oral rat LD<sub>50</sub>: >5000 mg/kg.

Toxicity data of methoprene active ingredient: Acute toxicity: Oral rat LD<sub>50</sub>: >36000 mg/kg.  
Dermal rat LD<sub>50</sub>: >5000 mg/kg.  
Inhalation rat LD<sub>50</sub>: > 210 mg/l.

Irritation: (Active Ingredient) Skin: Non-irritating.  
Respiratory: Non-irritating.  
Eye: Non-irritating.

Sensitisation: N/A.

Additional information: On the basis of knowledge of the properties of the ingredients no harmful effects to health are to be expected when the product is used in accordance with instructions.

### 12. ECOLOGICAL INFORMATION

Data of bait: Biodegradable (>99% food ingredients).

Data of methoprene active ingredients: Ecotoxicity: Fish LC<sub>50</sub> rainbow trout: 4.4 - 106.0 mg/l (96-h)  
Freshwater shrimp EC<sub>50</sub>: 100ppm (5-day)

Persistence: Biodegradation - biodegradable

Half-life: in field water: rapidly degraded 2 hours (in sunlight)  
in soil: rapidly degraded 10 days (surface treatment of 1 kg/ha).

### 13. DISPOSAL CONSIDERATIONS

Disposal: Waste resulting from this product may be disposed of on site (household waste) or at an approved waste disposal facility. Prevent contamination of environment by wastes. Do not contaminate water, food or feed.

Disposal of packaging: Disposal in compliance with official regulations. If it is not contrary to official specification, packaging may be treated as household waste.

RCA/CERCLA hazardous waste: Not listed.

### 14. TRANSPORT INFORMATION

Packaging: 20 x 2g bait stations/pack. 48 packs per carton.  
Transport:

UN Number : -

H.O. 1 Vicarage Wood Way Reading RG31 6ZX Tel.: 0118 941 0291  
E Mail: [alec.minter@virgin.net](mailto:alec.minter@virgin.net) Internet: [www.pestuk.com](http://www.pestuk.com)

# BERKSHIRE & BASINGSTOKE PEST CONTROL



## Health and Safety Data LUXAN UK LTD

Proper Shipping Name	:	Methoprene (IGR) 0.5% Biopren BM pharaoh ant colony eliminator
ADR/RID Class	:	-
ADR/RID Item Number	:	-
Packing Group	:	-
Hazard Identification Number	:	-
Risk Card	:	-
IMO/IMDG Class	:	-
IMO/IMDG Class	:	-
Packing Group	:	-
EmS	:	-
MFAG	:	-
Marine Pollutant	:	-

### 15. REGULATORY INFORMATION

Approved under the Control of Pesticides Regulations 1986. The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

### 16. OTHER INFORMATION