

SAFETY DATA SHEET

**BIOPREN<sup>®</sup> BMS**  
**PHARAOH'S ANT COLONY ELIMINATOR**

**Date: 19/01/2015**

**Version:2**

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**1 IDENTIFICATION OF THE PREPARATION AND THE COMPANY**

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1.1 Identification of the mixture: Biopren<sup>®</sup> BMS Pharaoh's Ant Colony Eliminator

1.2 The proper identified usage of the mixture: Free trade product for household use  
(ant bait against pharaoh ant)

1.3 Manufacturer and distributor:

**Bábolna Bioenvironmental Centre Ltd.**

Address: H-1107 Budapest, Szállás u. 6.

Tel.: (36) 1 432 0400

Fax.: (36) 1 432 0401

e-mail: [info@babolna-bio.com](mailto:info@babolna-bio.com)

1.4. Emergency call: (36-1) 432-0400 in working hours

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**2 HAZARDS IDENTIFICATION**

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2.1. Classification of the mixture:

according the 1999/45/EK Direction:

Non dangerous mixture.

according to 1272/2008/EK CLP Regulation:

Non dangerous mixture.

2.2. Label elements

Not necessary as the product is not classified according to CLP Regulation.

2.3. Other risks: According the Annex XIII. the mixture do not match the criteria of neither persistent/bioaccumulative/toxic materials nor very persistent / very bioaccumulative (vPvB).

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	%	EC number	CAS number	Registration number	Classification according 67/548/EGK Dir.		Classification according 1272/2008/EC Reg.	
					Danger symbol	R phrases	Danger class code of category	Hazard statements
S-Methoprene	0.50 %	613-834-0	65733-16-6	Not obligatory for registration	N	50	Aquatic Acute 1	H400

The full text of R phrases and hazard statements are under the 16<sup>th</sup> point

### 4 FIRST AID MEASURES

#### 4.1. First aid measures

##### 4.1.1 Measures:

Inhalation:	as the mixture is solid formulation the inhalation is improbable
Skin:	In case of allergic symptoms wash effected area with plenty of water
Eye:	wash out immediately with plenty of water for at least 15 minutes.
Ingestion:	ingestion is improbable, get medical attention if feel unwell.

4.1.2. The contaminated clothes can be washed out with a normal washing program. Personal protective clothes are not required during first aid measures.

#### 4.2. Most important symptoms and effects:

Inhalation:	non known
Eye contact:	slight irritation may occur
Ingestion:	not relevant

#### 4.3. Medical treatment

Get medical attention if feel unwell.

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## 5 FIRE-FIGHTING MEASURES

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### 5.1. Extinguishing media:

Extinguishing media:	powder, CO <sub>2</sub> , waterspray, foam
Hazards:	toxic fumes may form (plastic containers)
Protective equipment:	self-contaminated respiratory protective device and protective clothing

### 5.2. Special hazards: Toxic gases may form during combustion.

### 5.3. Advice for fire-fighters: wear self-contained breathing apparatus and usual protective clothes.

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## 6 ACCIDENTAL RELEASE MEASURES

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### 6.1. Personal safety, protective equipments, emergency methods: avoid contact with eyes

### 6.2. Environmental precautions:

Wash up with water and detergent.

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## 7 HANDLING AND STORAGE

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### 7.1. Safe handling: Keep away from heat, sources of ignition! Do not eat, drink or smoke during work. Wash hands after work.

### 7.2. Safe storage: Store in a cool, dry room. **Store far from odorous substances!** Keep away from heat, flames and other sources of ignition. Keep away from food, feed! Keep out of reach of the children.

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## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

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### 8.1. Monitoring parameters: Not determined

There is no need for additional biological limits.

### 8.2. Personal precautions, protections:

Not relevant.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	solid powder; powder and granules
Odour:	characteristics
Solubility in water:	partially
Specific gravity:	0.60 - 0.80 g/cm <sup>3</sup>
Melting point:	over 180° C with decomposition (carbonisation)
pH value:	6.0 - 7.0 (dispersion in water)
Flash point:	not available
Explosion properties:	not flammable
Oxidation properties:	none
Further data:	product contains over 99 % of food ingredients

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## 10 STABILITY AND REACTIVITY

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10.1. Reactivity: stable under usual application conditions

10.2. Chemical stability: Stable at normal usage (room temperature, pressure) and storage.

10.3. Circumstances to avoid: strong heating, sources of ignition, UV light.

10.4. Incompatible materials: oxidants e.g. oxygen, alkali hypochlorides  
odourants e.g. perfumes, organic chemicals

10.5. Hazardous decomposition: not known.

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## 11 TOXICOLOGICAL INFORMATION

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### Toxicity data of bait:

#### Acute toxicity:

- Oral /rat/: LD<sub>50</sub>: > 5 050 mg/kg b.w.
- Dermal /rabbit/: LD<sub>50</sub>: > 2 000 mg/kg b.w.
- Inhalation /rat/: LC<sub>50</sub>: > 2.78 mg/l

#### Irritation:

- Skin: slightly irritating
- Eye: minimally irritating

Sensitisation: not sensitise

Other: 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.

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## 12 ECOLOGICAL INFORMATION

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Data of bait:

Biodegradable (>99 % food ingredients)

Data of S-methoprene active ingredient:

Ecotoxicity:

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|-------------------------------|---------------------------------|
| - Fish /LC <sub>50</sub> /    | rainbow trout: > 50 mg/L (96-h) |
| - Daphnia /EC <sub>50</sub> / | 0.48 mg/L (24-h)                |

Persistence:

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

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## 13 DISPOSAL CONSIDERATION

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Throw away to domestic waste only when the container is completely empty. Prevent contamination of environment by wastes. Do not contaminate water, food or feed.

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## 14 TRANSPORT INFORMATION

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**Non hazardous goods.**

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## 15 REGULATORY INFORMATION

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This Safety Data Sheet is in accordance with the regulation (EC) No. 1907/2006 of the European Parliament and of the Council.

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## 16 OTHER INFORMATION

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**Full text of R and H phrases:**

50 Very toxic to aquatic organisms.

H400 Very toxic to aquatic life

New versions:

Version 2, 19/01/215 : update Section 2 in line with CLP regulation

*End of safety data sheet*