



## SAFETY DATA SHEET

Date of Revision: 25 July 2018

### ROACH RID GEL BAIT

#### 1. PRODUCT AND COMPANY IDENTIFICATION

##### PRODUCT NAME

Roach Rid Gel Bait

##### RECOMMENDED USE

A ready to use gel formulation for the control of cockroaches in domestic, commercial and warehouse premises.

##### COMPANY IDENTIFICATION

Flybusters/Antiants  
42B Ellice Rd, Glenfield, Auckland  
Ph: 09 440 9994  
Fax: 09 443 5083

##### EMERGENCY TELEPHONE NUMBERS

24 hour 365 day service: - 0800 CHEMCALL (0800 243 622)  
National Poisons Centre: - 0800 764 766

#### 2. HAZARDS IDENTIFICATION

HSNO Classification: 6.3B, 6.8B, 6.9B, 9.1A

**HAZARDOUS SUBSTANCE – NON-DANGEROUS GOODS. (Pack sizes up to 500 kg/L)**

**HAZARDOUS SUBSTANCE – DANGEROUS GOODS. (Pack sizes > 500 kg/L)**

The product is classified as a hazardous chemical in accordance with GHS criteria.

Harmful: danger of serious damage to health by prolonged exposure if swallowed.

May impair fertility.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Keep locked up and out of reach of children.

Keep away from food, drink and animal feeding stuffs.

When using do not eat, drink or smoke.

Do not empty into drains, this material and its container must be disposed of in a safe way.

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Avoid exposure - obtain special instructions before use.

Use appropriate container to avoid environmental contamination.

##### GHS CLASSIFICATION:

##### **DANGER:**

Reproductive toxicity – Category 1B (fertility)

Specific target organ toxicity – repeated exposure – Category 2

Hazardous to the aquatic environment – Acute Category 2

Hazardous to the aquatic environment – Chronic Category 1



##### Hazard statements:

May damage fertility.

Toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

May cause damage to organs through prolonged or repeated exposure.

Precautionary statements (Prevention)

Obtain special instructions before use.  
Use personal protective equipment as required.  
Precautionary statements (Response)  
If exposed or concerned: Get medical advice / attention.  
Get medical advice/attention if you feel unwell.  
Collect spillage.  
Precautionary statements (Storage)  
Store locked up.  
Precautionary statements (Disposal)  
Dispose of contents/container to hazardous or special waste collection point.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Chemical nature

Insecticide (gel) bait.

#### Hazardous ingredients

Hydramethylnon

Content (W/W): 2 %  
CAS Number: 67485-29-4  
Acute Toxicity (inhalation, dust) – Category 4  
Acute Toxicity (oral) – Category 4  
Eye Damage / Irritation – Category 2A  
Reproductive (fertility) – Category 1B  
STOT (repeated exposure) – Category 1  
Aquatic Acute – Category 1  
Aquatic Chronic – Category 1

### 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or National Poisons Centre, Ph 0800 764 766.

#### **General advice**

First aid personnel should pay attention to their own safety. If poisoning occurs, contact a doctor or National Poisons Centre. Avoid contact with the skin, eyes and clothing. Immediately remove contaminated clothing. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position).

#### **If inhaled**

Keep patient calm, remove to fresh air. Seek medical attention.

#### **On skin contact**

Immediately wash thoroughly with soap and water.

#### **On contact with eyes**

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

#### **On ingestion**

Immediately rinse mouth and then drink plenty of water (200 – 300 ml). Seek medical attention.

#### **Note to physician**

Symptoms: No significant reaction of the human body to the product known. Treatment: Symptomatic treatment (decontamination, vital functions). No known specific antidote.

### 5. FIRE FIGHTING MEASURES

#### **Suitable extinguishing media**

Dry powder, foam or water spray. Do not use water jets or carbon dioxide.

#### **Specific hazards**

The following substances can be released in a fire: carbon monoxide, carbon dioxide, hydrogen fluoride and nitrogen oxides.

#### **Special protective equipment**

Wear self-contained breathing apparatus and chemical protective clothing.

#### **Further information**

In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately and do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions

Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Avoid dust formation.

### Environmental precautions

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

### Methods for cleaning-up or taking-up

Contain spills with suitable absorbent material (e.g. sand, sawdust). Collect waste in suitable containers, which can be labelled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Dispose of absorbed material in accordance with regulations.

## 7. HANDLING AND STORAGE

### Handling

Ensure thorough ventilation of stores and work areas. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. Remove contaminated clothing and protective equipment before entering eating areas. The product may be attractive to animals. Do not use in areas accessible to children or pets.

### Protection against fire and explosion

Fire extinguishers should be kept handy.

### Storage

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Protect against moisture. Keep away from heat. Protect from temperatures above 40°C and below 0°C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure limit values

No workplace exposure standard is applicable for this product.

### Respiratory protection

Not required.

### Hand protection

When using this product, wear rubber gloves.

### Eye protection

Not required.

### Body protection

Not required.

### General safety and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing (e.g. cotton overalls) is recommended. Store work clothing separately. Keep away from food, drink and animal fodder. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                               |
|---|-------------------------------|
| Form:   | gel                           |
| Colour:   | yellow to brown               |
| Odour:  | faint (aromatic)              |
| pH value:   | approx. 3 - 5 (20°C)          |
| Boiling point:                                      | approx. 100°C (solvent)       |
| Melting range:                                      | approx. 0°C (solvent)         |
| Flash point:  | not flammable                 |
| Lower explosion limit:                              | not available                 |
| Upper explosion limit:                              | not available                 |
| Explosion hazard:                                   | not explosive                 |
| Self ignition:                                      | the product does not ignite   |
| Vapour pressure:                                    | approx. 10 mm Hg (21°C)       |
| Density: approx.                                    | 1.10 g/cm <sup>3</sup> (20°C) |
| Solubility in water:                                | soluble                       |
| Solubility:   | not available for other media |
| Partitioning coefficient n-octanol/water (log Pow): | not applicable                |
| Viscosity:  | < 0.001 mPa.s (20°C)          |

Evaporation rate: not applicable

## 10. STABILITY AND REACTIVITY

### Conditions to avoid

Protect against moisture. Keep away from heat. Protect from direct sunlight.

### Thermal decomposition

No decomposition if stored and handled as per the directions on the label.

### Materials to avoid

Strong acids, strong bases and strong oxidizing agents.

### Hazardous reactions

No hazardous reactions when stored and handled according to instructions.

### Hazardous decomposition products

No hazardous decomposition products when stored and handled according to instructions.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Assessment of acute toxicity:

Virtually non-toxic after a single skin contact. Virtually non-toxic after a single ingestion. Virtually non-toxic by inhalation. The statement has been derived from the properties of individual components.

Experimental/calculated data:

LD50 rat (oral): > 5000 mg/kg (OECD Guideline 401)

LD50 rat (dermal): > 4000 mg/kg (OECD Guideline 402)

Information on Hydramethylnon:

LC50 rat (by inhalation) 2.9 mg/l/4 h (OECD Guideline 403) – tested as dust aerosol

### Irritation

Assessment of irritating effects:

Not irritating to the skin. Not irritating to the eyes.

### Sensitization

Assessment of sensitization:

There is no evidence of a skin-sensitizing potential.

### Germ cell mutagenicity

Assessment of mutagenicity:

Mutagenicity tests revealed no genotoxic potential. The product has not been tested. The statement has been derived from the properties of the individual components.

### Carcinogenicity

Assessment of carcinogenicity

In long-term studies in rats and mice in which the active ingredient was given by feed, a carcinogenic effect was not observed. The product has not been tested. The statement has been derived from the properties of the individual components.

### Reproductive toxicity

Assessment of reproduction toxicity:

The active ingredient in this product causes impairment of fertility in animal studies. The product has not been tested. The statement has been derived from the properties of the individual components.

### Developmental toxicity

Assessment of teratogenicity:

Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals. The product has not been tested. The statement has been derived from the properties of the individual components.

### Repeated dose toxicity and Specific Target Organ Toxicity (repeated exposure)

Assessment of repeated dose toxicity:

Repeated oral exposure to small quantities of the active ingredient may affect certain organs. The product has not been tested. The statement has been derived from the properties of the individual components.

### Other relevant toxicity information

Misuse can be harmful to health. Harmful if swallowed. Avoid contact with the skin, eyes and clothing.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Assessment of aquatic toxicity:

Acutely toxic for aquatic organisms. May cause long-term adverse effects in the aquatic environment. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on Hydramethylnon:

Toxicity to fish:

LC50 (96 h): 0.09 mg/l, *Ictalurus punctatus*

Toxicity to aquatic invertebrates:

EC50 (96 h): 0.0544 mg/l, *Americamysis bahia*

No Observed Effect Concentration (NOEC): > 0.000088 mg/l/21 d, *Daphnia magna*

Toxicity to aquatic plants:

EC50 (72 h): 0.01112 mg/l, *Pseudokirchneriella subcapitata*

### Mobility

Assessment transport between environmental compartments:

Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of the groundwater is not expected. The product has not been tested. The statement has been derived from the properties of the individual components.

### Persistence and degradability

Assessment biodegradation and elimination (H<sub>2</sub>O): The product has not been tested.

### Bioaccumulation potential

Assessment biodegradation and elimination (H<sub>2</sub>O):

Accumulation in organisms is not to be expected. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on Hydramethylnon:

Bioconcentration factor: 95, *Gambusia affinis*

### Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control.

## 13. DISPOSAL CONSIDERATIONS

### Waste disposal of substance

Dispose of in accordance with relevant local, state or territory government regulations. Do not incinerate product. The product is highly toxic to fish and aquatic invertebrates. DO NOT apply directly to water. DO NOT contaminate ponds, waterways or drains with product or used containers.

### Contaminated packaging

Syringe dispenser should be completely empty before disposal. Dispose of empty container by wrapping in paper, placing in a plastic bag and then in garbage. DO NOT burn empty containers or product.

## 14. TRANSPORT INFORMATION

### Domestic transport (ADG)

Hazard Class: 9

ID Number: UN3077

Packing Group: III

Hazard Label: 9, EHSM

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains HYDRAMETHYLNON)

Hazchem Code: 2Z

### Sea transport (IMDG)

Hazard Class: 9

ID Number: UN3077

Packing Group: III

Hazard Label: 9, EHSM

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains HYDRAMETHYLNON)

Marine Pollutant: YES

**Air transport (ICAO/IATA)**

Hazard Class: 9

ID Number: UN3077

Packing Group: III

Hazard Label: 9, EHSM

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains HYDRAMETHYLNON)

**15. REGULATORY INFORMATION**

EPA Approval Code: **HSR000820**

See also section 2, 3, 8 and 11 for applicable tolerable exposure limits

**16. OTHER INFORMATION**

**NOTICE:**

Information for this product is believed to be reliable, however buyer and user assume all risk of use, handling and storage whether in accordance with directions or not.  
Flybusters Antiants and its agents give no guarantee or warranty of any kind expressed or implied concerning the use of this product and will not accept any responsibility whatsoever whether in contract or tort for any loss including consequential loss arising out of the use of this product or caused by this product.