

# MATERIAL SAFETY DATA SHEET

## FIPROGEL ROACH GEL

### Manufactured & Distributed by:

Synvita CC

### Registration Holder:

Lifeguard Sciences (Pty) Ltd

Reg. No. 2014/079879/07

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### 1) IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Commercial Name:	<b>FIPROGEL Roach Gel</b>
Appearance:	Clear, colourless gel
Use:	Control of cockroaches.
SA Registration Number:	L9782 of Act 36 of 1947
Zimbabwe Registration Number:	15-D-155-20

### 2) COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature:	Insecticide bait	
Hazardous Ingredients:	Fipronil (phenyl pyrazol):	Content 0,6g/kg
CAS Number:	120068-37-3	
EC- Number:	424 -610-5	
Hazard Symbol(s):	T.N	
R-phrases(s):	23/24/25, 48/25,50/53	
IUPAC:	(±)-5-amino-1(2,6-dichloro-alpha,alpha, alpha trifluoro-p-tolyl)-4-triflouromethylsulfanylpyrazole-3-carbonitrile	

The wording of the hazard symbols and R-phrases is specified in Section 16 if the dangerous ingredients are mentioned.

### 3) HAZARDS IDENTIFICATION

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

Keep out of the reach of children.

Keep away from food, drink and animal feed.

Do not eat, drink or smoke while applying or handling the gel bait.

This material and its container must be disposed of in a safe way. Keep only in the original container.

Use appropriate container to avoid environmental contamination.

### 4) FIRST AID MEASURES

Eye:	Wash thoroughly with clean water for 15 minutes.
Skin:	Wash thoroughly with soap and water. Do not rub skin.
Ingestion:	Keep patient calm and reassured, rinse mouth with water. Seek medical attention immediately.

If misuse of this product results in accidental illness **SEEK MEDICAL ADVICE PROMPLTY AND SHOW THIS MSDS TO THE MEDICAL PRACTIONER.** Treat according to symptoms. No known specific antidote.

### 5) FIRE FIGHTING MEASURES

**The substance/product is non-combustible. Product is not explosive.**

#### Specific Hazard

Carbon monoxide, carbon dioxide, hydrogen chloride, hydrogen fluoride, nitrogen oxide, sulfur oxides, organochloric compounds.

#### Fire Extinguisher Agents

Foam, chemical dry powders and halogenated agents.

#### Special protective equipment

Chemical impermeable gloves, safety goggles or face shield, effective protection or self-contained breathing apparatus as dictated by circumstances, full-length protective clothing and boots.

## 6) ACCIDENTAL RELEASE MEASURES

### PRECAUTIONS

#### Personal

Use personal protective clothing. Avoid contact with eyes, skin and clothes.

#### Environmental

Take all necessary precautions to protect the contamination of waterways and sewage systems.

#### Methods For Cleaning

Contain spillage using sand or earth barriers or other absorbent material (e.g. sand, sawdust). Decontaminate area thoroughly by removing all spillage. Place in suitable labelled containers. Dispose of waste in accordance with local authority regulations.

## 7) HANDLING AND STORAGE

### Handling Warnings

Do not eat or drink or smoke while working with container.

No special measures necessary. Product is non explosive nor combustible

Use of light protective equipment is always advised.

### Storage

Avoid contamination of food, feed stuffs and drinking water.

Keep at ambient temperature below 25°C. Protect from direct sunlight and heat.

Store in a well ventilated area.

## 8) EXPOSURE CONTROL/PERSONEL PROTECTION

In the manufacturing process minimise exposure in accordance with good hygiene practice. Ensure area is well ventilated and light protective clothing is used to protect the body and eyes (safety glasses). Dusk masks or respirator for pesticides are not required. Professional Pest Control Products: Avoid contact with the skin, eyes and clothing. Wash hands after use. Store work cloths separately. Safety shower should be available in the work area.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	A clear to opaque gel
Weight:	Varies according to applicator size
Colour:	Colourless
Odour:	Odourless
pH value:	5.8 – 5.9
Flash point:	Non -flammable
Ignition Point:	400°C
Fire promoting properties:	Nil

## 10) STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Thermal decomposition:	No decomposition if stored under stable normal conditions.
Incompatibility/ materials to avoid:	Acids
Hazardous decomposition products:	No decomposition under normal conditions.

## 11) TOXICOLOGICAL INFORMATION

Acute Toxicity:	>2000 mg/kg
Rat LD <sub>50</sub> oral:	>2000 mg/kg
Rat LD <sub>50</sub> inhalation:	>2.19mg/l
Skin irritation:	non-irritant to skin of rabbits
Eye Irritant:	non-irritant to eye of rabbits
Skin Sensitization:	non-sensitizing to skin of guinea pigs

### Acute Symptoms of Human Exposure

No data available

## 12) ECOLOGICAL INFORMATION

No ecological data available.

When used for the purpose for which it was intended no ecological problems are expected.

Avoid contamination of the soil, surface and ground water.

### 13) DISPOSAL CONSIDERATION

The product and its packaging should be disposed of in accordance with National and Local legislation.

### 14) TRANSPORT INFORMATION

Domestic Transport:	Not classified as dangerous goods under transport regulations
Sea Freight:	Not classified as dangerous goods under transport regulations
Airfreight:	Not classified as dangerous goods under transport regulations

### 15) REGULATORY INFORMATION

Product Disposal: Do not empty in drains or waterways. Disposal of product would usually be by incineration in an appropriate licensed commercial incinerator. Advice may be obtained from the local waste regulation authorities.

R-phrases) R52/53

S-phrases) S2 ,S13, S20/21, S35, S49, S57 Poison schedule: Not scheduled.

### 16) OTHER INFORMATION

Full text of hazard symbols and R-phrases if mentioned as hazardous components in Section 3: T Toxic. N Dangerous for the environment. 23/24/25 Toxic by inhalation, in contact with skin and if swallowed. 48/25 Toxic: danger of serious damage to health by prolonged exposure if swallowed. 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. **Note:** The data contained herein is based on current knowledge, experience and information on the date of publication and is given in good faith but without warranty. No responsibility is accepted for errors or omissions or the consequences thereof.