



## MSDS OF SN ROACH BAIT

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product name</b>	Fipronil 0.05%bait gel
<b>Supplier</b>	New Australia Agricultural Development Company Pty Limited
<b>Address</b>	Rear 150-154, Parramatta Rd, Auburn, NSW, 2144, Australia
<b>Telephone</b>	+61 2 94983675, 0430990521
<b>Fax</b>	+61 2 94983675
<b>Website</b>	<a href="http://www.naadco.com.au">www.naadco.com.au</a>

### 2. HAZARDS IDENTIFICATION

**Hazard classification:**

Faint toxicity (According to Toxicity grading of pesticide registration data requirements), This subject is not subject to IMO IMDG Code

**Preserve:**

Keep away from children

**Major State:**

High toxic to silkworm, Avoid aquatic organisms and wildlife contamination. Avoid soil and water contamination.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration
Fipronil	120068-37-3	0.05%
Other ingredients ( surfactant, solvent, etc)		99.95%

### 4. FIRST AID MEASURES

**Emergency and First Aid Procedures**

<b>Eyes</b>	Flush with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical advice if irritation develops.
<b>Skin</b>	Remove all contaminated clothing; wash exposed skin with plenty of soap and water.
<b>Ingestion</b>	Wash out mouth with water. Induce vomiting. Seek medical advice.
<b>Inhalation</b>	Move to fresh air; if effects occur, consult a physician.
<b>Note</b>	No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.



## 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	water, foam and powder extinguisher
<b>Unsuitable Extinguishing Media</b>	No data available
<b>Special Exposure Hazard</b>	As for all organic materials, combustion may lead to hazardous oxides of carbon and other toxic fumes.
<b>Protective Equipment</b>	Wear full protective equipment including a self-contained respiratory apparatus. See also Section 8.
<b>Other Instruction</b>	Cool fire-exposed containers with water fog and avoid environmental contamination with extinguishing water.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Wear an air-supplied respirator or use adequate ventilation to prevent inhalation. Wear suitable protective clothing and eye protection to avoid contact with eyes and skin.
<b>Environmental Precaution</b>	The material is toxic to silkworm. Avoid aquatic organisms and wildlife contamination. Avoid soil and water contamination.
<b>Methods for cleaning up</b>	Soak up with earth, sand or other inert material. Collect thoroughly into suitable containers. Rinse the polluted area with water and suitable detergents. Collect waste water for treatment.

## 7. HANDLING AND STORAGE

<b>Handling</b>	
<b>Special protection measure</b>	Special protection is not necessary. When using, do not eat, drink or smoke. Wash hands and exposed skin before meals and after work.
<b>Storage</b>	
<b>Basic storage requirements</b>	Do not open it if not using it immediately. The product not used up should be store in the way before use. Sensitivity to damp, light and oxidation. Stable under normal atmospheric conditions when stored in closed containers.
<b>Special storage attentions</b>	Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. Keep container in a well ventilated place.
<b>Storage conditions</b>	keep in a dry and well ventilated place at low temperature.
<b>Shelf life</b>	At least 2 years if properly packed and tored.
<b>Recommended packaging material</b>	Plastic syringe
<b>Suppler packaging</b>	Plastic syringe
<b>Incompatible condition</b>	Sensitive to high temperature and sunlight.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Limit values for workplace air</b>	
<b>Engineering Controls</b>	Provide adequate ventilation
<b>Personal protective equipment</b>	
<b>Respiratory protection</b>	Wear suitable mask



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<b>Eye protection</b>	Wear safety glasses or goggles
<b>Skin protection</b>	Wear suitable protective clothing
<b>Other protective equipment</b>	Wear suitable protective gloves
<b>Exposure limits</b>	N.E

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical&amp; Chemical Properties</b>	Jelly
<b>Colour and odour</b>	Yellow to brown-yellow, odorless
<b>pH value</b>	5~7
<b>Boiling point / range</b>	Not applicable
<b>Melting point/range</b>	Not applicable
<b>Flash point</b>	No flammability
<b>In contact with</b>	
<b>water emit flammable gases</b>	Not applicable
<b>Flammability</b>	No flammability
<b>Viscosity</b>	No data available
<b>Oxidizing properties</b>	None
<b>Vapour Pressure</b>	Not applicable
<b>Relative density</b>	No data available
<b>Solubility in water</b>	Not applicable

### 10. STABILITY AND REACTIVITY

<b>Conditions to avoid</b>	Avoid direct sunlight spark and high temperature
<b>Materials to avoid</b>	Heavy metal salts
<b>Hazardous</b>	
<b>decomposition products</b>	No data available
<b>Hazardous reactions</b>	Unknown
<b>Stability</b>	Stable under recommended storage and handing conditions

### 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity Oral</b>	male rat LD <sub>50</sub> > 5000mg/kg
<b>Dermal</b>	male rat LD <sub>50</sub> > 5000mg/kg
<b>Inhalation</b>	No data available
<b>Irritation</b>	
<b>Skin</b>	Non-irritant (rabbit)
<b>Eye</b>	Mild-irritant (rabbit)
<b>Sensitization</b>	
<b>Skin sensitization</b>	Weak sensitizing

### 12. ECOLOGICAL AND ECOTOXICOLOGICAL INFORMATION

**Persistence in the environment**



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**The second-instars silkworm (LC<sub>50</sub>)** Highly-grade toxicity, 2.5mg/kg (mulberry-leaf)

**The other information** No data available

### 13. DISPOSAL CONSIDERATIONS

#### Disposal

#### Wastes resulting from the use of this product

Wastes resulting from the use of this product may be disposed at an approved waste disposal facility.

#### Empty packaging

Disposal or incineration methods based on state or local codes of practice and laws

### 14. TRANSPORT INFORMATION

**Hazards identification:** None

**Suggestion according to IMO IMDG Code:** the substance is not subject to IMO IMDG Code

**Packing requirements:** The goods are packaged according to the packing requirement of ordinary goods.

### 15. REGULATORY INFORMATION

Registered according to the Agricultural Chemicals Act, APVMA Approval Number 80985/102065

### 16. OTHER INFORMATION

Version 1.0

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