

# MATERIAL SAFETY DATA SHEET

## FIPFORCE AQUA TERMITICIDE & INSECTICIDE

### Section 1: Identification of the Product and Company

<b>Product name:</b>	<b>FIPFORCE AQUA TERMITICIDE &amp; INSECTICIDE</b>
<b>Other names:</b>	FIPRONIL 100 g/lit Suspension concentrate (Fipronil 10 SC)
<b>Use:</b>	Insecticide / Termiticide for use in accordance with the registered product label
<b>Company name &amp; Contact details</b>	<b>Sherwood Chemicals Australasia Pty Ltd</b> Address: Level 3, 1060 Hay Street, WEST PERTH 6005 AUSTRALIA Tel: +61 8 9219 4683 Fax: +61 8 9219 4672 Web: <a href="http://www.sherwoodchemicals.com.au">www.sherwoodchemicals.com.au</a> Emergency Telephone number: All hours +61 421 667972
<b>Other information:</b>	All reasonable care has been taken to ensure the information and advice contained in this data sheet is accurate at the time of printing. However, Sherwood Chemicals accepts no liability for any loss or damages suffered as a consequence of reliance upon the information contained herein.

### Section 2: Hazards Identification

<b>Hazard classification:</b>	Hazardous (National Occupational Health and Safety Commission - NOHSC).
<b>R-phrase(s):</b>	Highly toxic to aquatic organisms
<b>Safety Phrases:</b>	Will irritate the eyes and skin. Avoid contact with eyes and skin. Wash hands after use.
<b>Poison Schedule:</b>	S5
<b>ADG Classification:</b>	Not classified as a dangerous good under transport regulations
<b>UN Number:</b>	3082 (Misc. Dangerous Good) Class 9

### Section 3: Composition / Information on Ingredients

Chemical entity	CAS N°	Proportion
Fipronil	120068-37-3	100 g/L
Other non hazardous ingredients		-
Water	7732-18-5	-

### Section 4: First Aid Measures

<b>General advice:</b>	Avoid contact with the skin, eyes and clothing. Remove contaminated clothing. If difficulties occur: Obtain medical attention. Show container, label and/or safety data sheet to physician.
<b>If inhaled:</b>	Keep patient calm, remove to fresh air, seek medical attention.
<b>On skin contact:</b>	After contact with skin, wash immediately with plenty of water and soap. If irritation develops, seek medical attention.
<b>On contact with eyes:</b>	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

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## On ingestion:

Rinse mouth immediately and then drink plenty of water, induce vomiting, seek medical attention.

Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

## ADVICE TO DOCTOR -

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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### Section 5: Fire Fighting Measures

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#### Fire/Explosion Hazard:

**Specific Hazard:** Product is not flammable.

**Extinguishing media:** Foam, CO2 or dry chemical. Soft stream water fog if no alternatives. Contain all runoff.

**Hazards from combustion products:** On burning will emit toxic fumes. In case of fire do not breathe fumes.

**Precautions for fire-fighters and special protective equipment:** Isolate fire area. Evacuate downwind. Wear full protective clothing and self-contained breathing apparatus. Do not breathe or contact smoke, gases or vapours generated.

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### Section 6: Accidental Release Measures

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#### Personal precautions:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Remove contaminated clothes, undergarments and shoes immediately.

#### Environmental precautions:

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

#### Methods for cleaning up or taking up:

**For small amounts:** Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose).

**For large amounts:** Dike spillage. Pump off product.

Cleaning operations should be carried out only while wearing breathing apparatus. Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

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### Section 7: Handling and Storage

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**Safe handling practices:** Exercise safe handling practices at all times

#### Storage:

Segregate from foods and animal feeds.

Further information on storage conditions: Keep away from heat. Protect against moisture. Protect

from direct sunlight. Keep container tightly closed in a cool, well-ventilated place.

Storage stability:

Storage duration: 24 Months

Protect from temperatures above: 40 °C

Changes in the properties of the product may occur if substance/product is stored above indicated

temperature for extended periods of time.

#### Other information:

Nil

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## Section 8: Exposure Controls and Personal Protection

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- Engineering controls:** No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that dusts are minimised.
- Personal protection:**
- Work Clothing:** For normal handling wear long sleeve uniform or overalls and head covering. For larger exposures, as in the case of spills, wear full body cover barrier suit, such as rubber rain suit.
  - Eye protection:** Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where this product is being used.
  - Skin protection:** You should avoid contact even with mild skin irritants. Therefore you should wear suitable impervious elbow-length gloves and facial protection when handling this product.
  - Respirator:** Usually, no respirator is necessary when using this product. Eyebaths or eyewash stations should be provided near to where this product is being used.

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## Section 9: Physical and Chemical Properties

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<b>Chemical:</b>	Fipronil
<b>Appearance:</b>	Off white liquid suspension
<b>Odour:</b>	Slight characteristic odour
<b>pH:</b>	5 - 7
<b>Flashpoint:</b>	>97.4 °C.
<b>Density:</b>	1.065 g/cm <sup>3</sup>
<b>Solubility in water: dispersible:</b>	Dispersible
<b>Auto ignition temperature:</b>	not applicable

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## Section 10: Chemical Stability and Reactivity Information

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- Chemical stability:** Stable at normal temperature and pressure
- Conditions to avoid:** Excess heat, ignition sources
- Substances to avoid:** No substances known that should be avoided.
- Hazardous decomposition products:** When the product is heated to high temperatures, thermal decomposition may generate toxic and noxious fumes.
- Hazardous polymerisation:** Will not occur.

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## Section 11: Toxicological Information

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### **Potential Health Effects:**

Effects from overexposure result from either swallowing, breathing or coming in contact with the eyes and skin. Symptoms of overexposure include tremors, loss of motor control and greater numbing, burning and tingling. These sensations are reversible and usually subside within 12 hours.

### **Toxicity for Fipforce Aqua Termiticide**

- Acute Oral: low, LD<sub>50</sub> (rat): > 2000 mg/kg
- Acute Dermal: low, LD<sub>50</sub>(rat): > 2000 mg/kg bw
- Acute Inhalation: LC<sub>50</sub> (4hrs) > 1.7 mg/L (rat)
- Acute inhalation: LC<sub>50</sub> (1hr, calculated) > 6.8 mg/L (rat)
- Acute skin irritation: skin irritant
- Acute eye irritation: eye irritant

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## Section 12: Ecological Information

Non toxic to earthworms. Fipronil has low mobility in soil. Fipronil is toxic to fish and aquatic organisms. DO NOT apply to areas where surface water is present. Rinse waters and run off from treated areas MUST be prevented from entering drains and waterways. Do NOT contaminate streams, rivers or waterways with the chemical or container.

### Ecotoxicity

Information on: fipronil

Toxicity to fish:

LC50 (96 h) 0.25 mg/l, Oncorhynchus mykiss

LC50 (96 h) 0.0852 mg/l, Lepomis macrochirus

LC50 (96 h) 0.43 mg/l, Cyprinus carpio

Highly toxic to bees

## Section 13: Disposal Considerations

Must be dumped or incinerated in accordance with local regulations.

Contaminated packaging:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

## Section 14: Transport Information

### Marine and Air Transportation

FIPFORCE AQUA TERMITICIDE is a Marine Pollutant according to International Maritime Dangerous Goods (IMDG) Code and the International Air transport Association (IATA). If transporting by sea or air the following Dangerous Goods Classification applies:-

UN 3082,

Class 9 (Miscellaneous Dangerous Goods),

Packing Group III,

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains FIPRONIL 10 %).

## Section 15: Regulatory Information

**Poison Schedule** Poisons Schedule: Drugs & Poisons, Schedule 5

**APVMA registration number:** 63789/56270

## Section 16: Other Information

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**END OF MSDS**