



SHERWOOD CORPORATION  
 SHERWOOD CORPORATION (THAILAND)  
 PUBLIC COMPANY LIMITED

**SAFETY DATA SHEET**  
**FIPFORCE AQUA**  
**TERMITICIDE & INSECTICIDE**

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 Effective Date: February 25, 2020  
 Version No. : 1.0 Printed Date: February 25, 2020

**Section 1: Identification**

1.1 Product Name	<b>FIPFORCE AQUA TERMITICIDE &amp; INSECTICIDE</b>
Active Ingredient	Fipronil 10.0 % w/v
Product Use	For prevention and killing termites, ants and insects that live in the soil.
1.2 Suggestions	
For using	1. After using, should be washed hand always. 2. Wear protective equipment always before use.
Prohibition for use	1. <b>DO NOT</b> store near flames or heat because may be explode when heated. 2. <b>DO NOT</b> eat and contact to skin, eyes, or inhaled. 3. <b>DO NOT</b> dispose product and containers to watercourses.
1.3 Manufacturer and Distributor	
Manufacturer	<b>Sherwood Australasia Pty Ltd</b>
Address	Level 3, 1060 Hay Street, WEST PERTH 6005 AUSTRALIA
Contact	Tel. (+61) 08 9219 46 83
Distributor	<b>Sherwood Corporation (Thailand) Public Company Limited</b>
Address	1065 Srinakarin Road, Suanluang, Suanluang, Bangkok 10250, Thailand
Contact	Tel. +66-2320-2288 Fax. +66-2320-2670
Website	<a href="http://www.sherwood.co.th">http://www.sherwood.co.th</a>
Emergency Contact	Tel. (+61) 0421 667 972 All 24 hours

**SECTION 2: HAZARDS IDENTIFICATION**

<b>CLASSIFICATION ACCORDING TO GHS:</b>	Acute Toxicity - Oral	Category 4
	Acute Toxicity - Dermal	Category 5
	Skin corrosion / irritation	Category 3
	Serious Eye Damage / Irritation	Category 2A
	STOT (Repeated exposure)	Category 2
	Hazardous to the Aquatic Environment - Acute Hazard	Category 2
	Hazardous to the Aquatic Environment - Chronic Hazard	Category 2

**PICTOGRAMS OF GHS:**



**SIGNAL WORD:** Warning

**HAZARD STATEMENT:**

**PHYSICAL** : -

**HEALTH H302** : Harmful if swallowed.



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- H313 : May be harmful in contact with skin.
- H316 : Cause mild skin irritation.
- H319 : Cause serious eye irritation.
- H332 : Harmful if inhaled.
- H373 : May cause damage to nervous system through prolonged or repeated exposure.

**Environment**

- H401 : Toxic to aquatic life.
- H411 : Toxic to aquatic life with long lasting effects.

**Precautionary Statement**

**General**

- P101 : If medical advice is needed, have product container or label at hand.
- P102 : Keep out of reach of children.
- P103 : Read label before use.

**Prevention**

- P260 : **DO NOT** breathe dust / fume / gas / mist / vapours / spray.
- P261 : Avoid breathing dust / fume / gas / mist / vapours / spray.
- P264 : Wash hand thoroughly after handling.
- P270 : **DO NOT** eat, drink or smoke when using this product.
- P271 : Use only outdoors or in well-ventilated area.
- P273 : Avoid release to the environment.
- P280 : Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

- P301+P312 : IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
- P304+P340 : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  
- P312 : Call a POISON CENTER/doctor/physician if you feel unwell.
- P314 : Get medical advice/attention if you feel unwell.
- P330 : Rinse mouth.
- P332+P313 : If skin irritation occurs: Get medical advice/attention.
- P337+P313 : If eye irritation persists: Get medical advice/attention.
- P391 : Collect spillage.

**Storage**

: -

**Disposal**

- P501 : Dispose of contents / container to approved method and / or local regulations.



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## SECTION 3: INFORMATION ON INGREDIENTS

Components	CAS Number	Concentration
Fipronil	120068-37-3	10.00%
Propylene glycol	57-55-6	10.00 - 15.00%
Other ingredients determined not to be hazardous	-	Balance to 100%

## SECTION 4: FIRST AID MEASURES

- If Eye Contact : Rinse carefully out with plenty of water. If you were contact lenses, remove if possible and wash away. If irritation persist, get medical attention immediately.
- If Ingestion : Rinse off with plenty of water. **DO NOT** induct vomiting, get medical attention immediately.
- If Inhalation : Move patient to fresh air. If breathing is difficult, give artificial respiration and get medical attention immediately.
- If Skin contact : Remove contaminated clothing immediately and rinse skin off with plenty of water. Get medical attention immediately if irritation persist.
- Basic First Aid : For advice, contact to the Poison Information Center, 1367 or Tel: (+66) 02-419-7007 (All 24 hours). If feel unwell, keep the patient warm and get immediate medical attention.
- Advice to Doctor : Symptomatic treatment.

## Section 5: Fire Fighting Measures

- Extinguishing Media Suitable : Use carbon dioxide, water spray, alcohol-resistant foam or dry powder.  
Unsuitable : No data available.

Specific Hazards Rising from the Chemical

: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO) and toxic fumes.

Special Protective Action for Fire-Fighters

: Wear self - contained breathing apparatus and chemical-protective clothing (Self - Contained Breathing Apparatus, SCBA).

: Spray or fog water to cool outside of containers.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions : Use personal protective equipment.  
: Avoid contact with the skin, eyes and clothing.  
: Keep unauthorized people away.  
: Remove contaminated clothes, undergarments and shoes immediately.
- Personal Protection : Wear respiratory protective with organic vapour absorber, boots and rubber

Environmental Precautions	: Avoid disposal of spilled material into soil, waterways, drains and sewers. : Avoid release to the environment.
Methods and Material for Containment and Cleaning Up	: For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, diatomaceous earth). : 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. : Waste through waste removal contractor is licensed and / or local authority control.

## SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling	: Keep away from heat and ignition sources. : Use only explosion-proof equipment. : Vapours may form explosive mixture with air. : Take measures to prevent the buildup electrostatic charge. : Avoid contact with skin, eyes and clothing. : Avoid contact the product for prolonged periods. : Use product in area that sufficient ventilation. : Wash hands with soap and water after handling. : Remove contaminated clothing and protective equipment before entering eating areas.
Precautions for Safe Storage	: Keep container tightly closed. : Keep away from heat, sunlight, flame and incompatible materials. : Keep in normal temperature at dry, cool and well-ventilated place. : Keep in a straight position and protect the container against physical damage. : Keep away from food, drink and animal feeding stuffs.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standard	: No data available.
Engineering Controls	: Ensure adequate ventilation of the working area.
Personal Protective Equipment	: Wear appropriate specific chemical protective gloves such as nitrile rubber gloves. And clean the device after use. : Wear safety glasses, work clothing and respirator with an organic vapour and gas filter mask.



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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: White opaque suspensions.
Odor	: Mild odor.
pH value	: 3.5 – 7.0 at 25°C.
Melting / Freezing point	: No data available.
Boiling point / Range	: No data available.
Flash point	: No data available.
Evaporation Rate	: No data available.
Flammability of Solid and Gas	: Not flammable.
Flammable Limits	
(LEL)%	: No data available.
(UEL)%	: No data available.
Vapour Pressure	: No data available.
Vapour Density (air = 1)	: No data available.
Relative Density (water = 1)	: No data available.
Partition Coefficient n-Octanol / water (log $K_{ow}$ )	: No data available.
Auto - Ignition Temperature	: No data available.
Decomposition Temperature	: No data available.
Solubility in water (g/L)	: Insoluble.
Specific Gravity / Density	: 1.04 – 1.07 Kg/L at 30°C
Viscosity	: 300 – 600 cPs at 25°C.

## SECTION 10: STABILITY AND REACTIVITY

Reactivity	: No hazardous reactions if stored and handled as indicated.
Chemical Stability	: Stable under normal conditions of storage and use.
Possibility of Hazardous reactions	: No hazardous reactions if stored and handled as indicated.
Conditions to Avoid	: Avoid heat, sparks, open flames, ignition sources and direct sunlight. : Avoid extremes temperature below 0°C and above 40°C.
Incompatible Materials	: Strong oxidizing agent, Strong acid and base.
Hazardous Decomposition products	: Combustion or thermal decomposition will evolve carbon and nitrogen oxides and halogen compounds.



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## SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity, Oral	: LD <sub>50</sub> = 987.85 mg/kg (Rat) (Calculated)
Dermal	: LD <sub>50</sub> = 3,736.45 mg/kg (Rabbit) (Calculated)
Inhalation	: LD <sub>50</sub> = 3.20 mg/L (4 Hours in Rat) (Calculated)
Skin Corrosion / Irritation	: Cause mild skin irritation.
Eye Damage / Irritation	: Cause serious eye irritation.
Respiratory Sensitization	: Not classified.
Skin Sensitization	: Not classified.
Germ Cell Mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive Toxicity	: Not Classified.
Specific Target Organ Toxicity	
- Single Exposure	: Not Classified.
- Repeat Exposure	: May cause damage to nervous system through prolonged or repeated exposure.
Aspiration Hazard	: Not Classified.

## SECTION 12: ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment	
Acute Hazard	: Toxic to aquatic life.
Chronic Hazard	: Toxic to aquatic life with long lasting effects.
Persistence and Degradability	: No data available.
Bio-Accumulative Potential	: No data available.
Mobility in Soil	: No data available.
Other Adverse Effects	: No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Method	: <b>DO NOT</b> dispose into the environment, waterways, drains and sewers. : <b>DO NOT</b> pour waste contaminated into soil or water. : Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Container Treatment Method	: <b>DO NOT</b> pierce or burn, even when empty. : Should be disposed of in accordance with local regulations and laws in force in the country or region. : This product is dangerous for the environment. <b>DO NOT</b> dispose to sewers, drains or watercourses.



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**SECTION 14: TRANSPORT INFORMATION**

Regulation	UN Number	Correct Shipping Name	Classes	PG*	Symbols	Remark
ADR	None Allocated	None Allocated	None Allocated	None Allocated		None Allocated
IMDG	UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains FIPRONIL (MARINE POLLUTANT))	9	III		<b>Emergency schedules</b> (Ems) F-A, S-F
IATA	UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains FIPRONIL)	9	III		<b>Cargo Packing Instruction</b> : 914 <b>Passenger Packing Instruction</b> : 914

Beware ensure transportation of the container tightly closed, no leak and **DO NOT** overturned.

**DO NOT** delivery with food, fiber, oxidizing agent, bases, etc

**SECTION 15: REGULATORY INFORMATION**

Law Enforcement in Thailand : Hazardous substance act be 2535.  
 Types of Hazardous Material : 3 (FDA Thailand)  
 FDA Registration No. : Thai FDA No. 639/2552  
 APVMA Registration No. : Australian Pesticides and Medicines Authority No. [63789](#)

**SECTION 16: OTHER INFORMATION**

References

- : GHS OFFICIAL TEXT AND CORRIGENDA Rev.7 (2017)
- : European Chemicals Agency; <https://echa.europa.eu/>
- : Toxicology Data Network, U.S. National Library of Medicine; <https://toxnet.nlm.nih.gov/>
- : National Institute of Technology and Evaluation; [http://www.safe.nite.go.jp/english/ghs/ghs\\_index.html](http://www.safe.nite.go.jp/english/ghs/ghs_index.html)
- : บัญชีรายชื่อวัตถุอันตราย กระทรวงอุตสาหกรรม;  
[https://www.jetro.go.jp/ext\\_images/thailand/thai/pdf/hazardlist13\\_tha.pdf](https://www.jetro.go.jp/ext_images/thailand/thai/pdf/hazardlist13_tha.pdf)

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**- END -**