Section 1: Identification

1.1 Product Name	**FIPFORCE AQUA TERMITICIDE & INSECTICIDE**
Active Ingredient	Fipronil 10.0 % w/v
Product Use	For termites and ant control.
1.2 Suggestions	
For using	1. After using, should be washed hand always. 2. Wear protective equipment always before use.
Prohibition for use	1. **DO NOT** eat and contact to skin, eyes, or inhaled. 2. **DO NOT** dispose product and containers to watercourses.
1.3 Manufacturer and Distributor	
Manufacturer	**Sherwood Australasia Pty Ltd**
Address	Level 3, 1060 Hay Street, WEST PERTH 6005 AUSTRALIA
Contact	Tel. (+61) 08 9219 46 83
Distributor	**Sherwood Corporation (Thailand) Public Company Limited**
Address	1065 Srinakarin Road, Suanluang, Suanluang, Bangkok 10250, Thailand
Contact	Tel. +66-2320-2288 Fax. +66-2320-2670
Website	http://www.sherwood.co.th
Emergency Contact	Tel. (+61) 0421 667 972 All 24 hours

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO GHS:

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 : Harmful if swallowed.

H302	: May be harmful in contact with skin.
H313	: Cause mild skin irritation.
H316	: Cause serious eye irritation.
H319	: Harmful if inhaled.
H332	: May cause damage to nervous system through prolonged or repeated exposure.
H373	
Environment	: Toxic to aquatic life.
H401	: Toxic to aquatic life with long lasting effects.
H411	
Precautionary Statement	
General	: If medical advice is needed, have product container or label at hand.
P101	: Keep out of reach of children.
P102	: Read label before use.
P103	
Prevention	: **DO NOT** breathe dust / fume / gas / mist / vapours / spray.
P260	: Avoid breathing dust / fume / gas / mist / vapours / spray.
P261	: Wash hand thoroughly after handling.
P264	: **DO NOT** eat, drink or smoke when using this product.
P270	: Use only outdoors or in well-ventilated area.
P271	: Avoid release to the environment.
P273	: Wear protective gloves/protective clothing/eye protection/face protection.
P280	
Response	: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P301+P312	: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable
P304+P340	for breathing.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact
P305+P351+P338	lenses, if present and easy to do. Continue rinsing.
	: Call a POISON CENTER/doctor/physician if you feel unwell.
P312	: Get medical advice/attention if you feel unwell.
P314	: Rinse mouth.
P330	: If skin irritation occurs: Get medical advice/attention.
P332+P313	: If eye irritation persists: Get medical advice/attention.
P337+P313	: Collect spillage.
P391	
	: -
Storage	
Disposal	: Dispose of contents / container to approved method and / or local regulations.
P501	

SECTION 3: INFORMATION ON INGREDIENTS

Components	CAS Number	Concentration
Fipronil	120068-37-3	10.00%
Propylene glycol	57-55-6	10.00 - 15.00%
1,2-benzisothiazolin-3-one	2634-33-5	< 0.25%
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_2), 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:	: Avoid contact with skin, eyes and clothing. : Wash hands with soap and water after handling. : Remove contaminated clothing and protective equipment before entering eating areas.
PRECAUTIONS FOR SAFE STORAGE :	: Storage in normal temperature at dry, cool and well ventilate. : Protection from the sun and sealed. : Stored in an upright position and protect 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, safety glasses, work clothing and respirator when using this product And clean the device after use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: White opaque suspensions.
Odor	: Mild odor.
pH value	: 3.5 – 7.0 at 25°C.

Freezing point	: < 0 °C.
Boiling point / Range	: 100 °C
Flash point	: No flash point - Measurement made up to the boiling point.
Evaporation Rate	: Not applicable.
Flammability of Solid and Gas	: Not applicable
Flammable Limits	
(LEL)%	: To our knowledge, we do not expect any hazard if used according to label
(UEL)%	: To our knowledge, we do not expect any hazard if used according to label
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	: Based on the water content the product does not ignite.
Decomposition Temperature	: No decomposition if stored and handled as prescribed/indicated.
Solubility in water (g/L)	: Insoluble.
Specific Gravity / Density	: 1.04 – 1.07 Kg/L at 30°C
Viscosity	: 300 – 400 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.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity, Oral	: LD_{50} = 987.85 mg/kg (Rat) (Calculated)
Dermal	: LD_{50} = 3,736.45 mg/kg (Rabbit) (Calculated)
Inhalation	: LD_{50} = 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

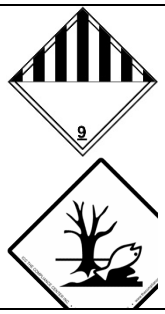
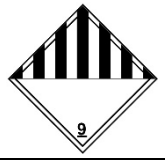
Hazardous to the Aquatic Environment	
Acute Hazard	: Toxic to aquatic life.
Chronic Hazard	: Toxic to aquatic life with long lasting effects.
Persistence and Degradability	: No data available.
Bio-Accumulative Potential	: No data available.
Mobility in Soil	: No data available.
Other Adverse Effects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

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Method	: **DO NOT** dispose into the environment, waterways, drains and sewers.
	: **DO NOT** 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	: **DO NOT** 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. **DO NOT** dispose to sewers, drains or watercourses.

SECTION 14: TRANSPORT INFORMATION

Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subjected to the Australian Dangerous Goods Code when transported by road or rail in packagings not exceeding 500 kg(L) or IBCs.

Regulation	UN Number	Correct Shipping Name	Classes	PG*	Symbols	Remark
IMDG	UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains FIPRONIL (MARINE POLLUTANT)	9	III		**Emergency schedules** (Ems) F-A, S-F
IATA	UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains FIPRONIL)	9	III		**Cargo Packing Instruction** : 914 **Passenger Packing Instruction** : 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

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Schedule 5

APVMA Registration No. : Australian Pesticides and Medicines Authority No. 63789

Classified as a hazardous substance according to criteria of Safe Work Australia. (Xn).
Under the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP), this product is a Schedule 5
This product is registered with the Agricultural and Veterinary Chemicals Code Act 1994. Product No. 63789.
Product is not classified as a Dangerous Good according to the ADG Code (7th Ed).
Product is classified as a Dangerous Good according to the International Maritime Dangerous Goods (IMDG) Code and the International Air Transport Association (IATA).
Requirements concerning special training: Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

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

: บัญชีรายชื่อวัตถุอันตราย กระทรวงอุตสาหกรรม;
https://www.jetro.go.jp/ext_images/thailand/thai/pdf/hazardlist13_tha.pdf

Disclaimer

This article is as accurately as possible complied with the best of our company's knowledge at the time documentation. Each user should read this SDS and consider the information in the context of how the material will be handle and used in the workplace including in conjunction with other products. If classification or further information is needed to ensure an appropriate risk assessment, the user should contact our technical team.

The above information is believed to be correct but does not purpose to be all inclusive and shall be used only as a guide. No warranty is expressed or implied regarding the accuracy and completeness of the data. As such, we cannot be held liable for any injury or economic loss. Users are further reminded of the possible risks of using this material for any other purpose than those for which it was intended. The above information can be utilized only for meeting regulatory norms in regard to handling and labeling advice.

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