



SHERWOOD CORPORATION (THAILAND)
PUBLIC COMPANY LIMITED

SAFETY DATA SHEET FIPFORCE HP TERMITICIDE & INSECTICIDE

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Effective Date: May 13, 2021

Version No. 1.3 Printed Date: May 13, 2021

SECTION 1: IDENTIFICATION

1.1 Product Description

Product Name **FIPFORCE HP TERMITICIDE & INSECTICIDE**
Active Constituent Fipronil 10.0 % w/v
Benefit 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. **DO NOT** eat and contact to skin, eyes, or inhaled.
2. While using, keep unrelated people and pets away from that area. And do not enter until **FIPFORCE HP TERMITICIDE & INSECTICIDE** is completely dry.
3. Containers. When used up, do not reuse, destroy.
4. **DO NOT** use the container that is mixed with **FIPFORCE HP TERMITICIDE & INSECTICIDE** for other purposes.
5. **DO NOT** dispose product and containers to watercourses.

1.3 Detail of the supplier of the product

Supplier Name : **Sherwood Chemicals Australasia PTY LTD**
Address : Level 3, 1060 Hay Street , West Pert , WA , 6005 , Australia
Contact : Tel. +61 8 9219 4683
Fax. +61 8 9219 4672
Email : contact@sherwoodchemicals.com.au
Website : http://www.sherwoodchemicals.com.au

1.4 Emergency telephone number (s)

Emergency Contact : Tel. +66 421 667972

SECTION 2: HAZARDS IDENTIFICATION

Classification according to GHS

: Acute Toxicity - Oral	Category 4
: Acute Toxicity – Dermal	Category 5
: Acute Toxicity – Inhalation	Category 4
: Skin Corrosion / Irritation	Category 2
: Eye Damage / Irritation	Category 2A
: STOT Repeat	Category 2
: Hazardous to the Aquatic Environment	

- Acute Hazard
- Chronic Hazard

- Category 2
- Category 2

Pictogram (s) :



Signal Word :

Warning

Hazard Statement

Health:

- H302 : Harmful if swallowed.
- H313 : May be harmful in contact with skin.
- H315 : Cause skin irritation.
- H317 : May cause an allergic skin reaction.
- H319 : Cause serious eye irritation.
- 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/vapour/spray.
- P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 : Wash hands thoroughly after handling.
- P270 : Do not eat, drink or smoke when using this product.
- P272 : Contaminated work clothing should not be allowed out of the workplace.
- P273 : Avoid release to the environment.
- P280 : Wear eye protection / face protection.

Response:

- P301+P312 : IF SWALLOWED: Call a POISON CENTER or doctor/physician.
- P302+P352 : IF ON SKIN : Wash with plenty of soap and water.
- 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.
- P321 : Specific treatment (see supplemental first aid instruction on this label).
- P330 : Rinse mouth.
- P332+P313 : If skin irritation occurs: Get medical advice / attention.



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P333+P313 : If skin irritation or rash occurs : Get medical advice/attention.
P337+P313 : If eye irritation persists: Get medical advice / attention.
P362 : Take off contaminated clothing and wash before reuse.
P363 : Wash contaminated clothing before use.
P391 : Collect spillage

Storage:-

Disposal:

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

SECTION 3: INFORMATION ON INGREDIENTS

Component (s)	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 Inhaled : Move patient to fresh air. If breathing is difficult, give artificial respiration and get medical attention immediately.
If on Skin : Remove contaminated clothing immediately and rinse off with plenty of water. Get medical attention immediately if irritation persist.
If in Eye : 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 Ingest : If get in mouth, rinse off with plenty of water. If swallowed, **DO NOT** induce vomiting, get medical attention immediately.
Advice to Doctor : Symptomatic treatment.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media Suitable : Use carbon dioxide, water spray, alcohol-resistant foam or dry chemical powder.
Extinguishing Media Unsuitable : No data available.
Specific Hazards Rising from the Chemical : Carbon dioxide (CO₂), 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).
: Use water spray to cool containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions : Use personal protective equipment.
: Avoid contact with the skin, eyes and clothing.
: Keep unauthorized people away.



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- Personal Protection : Remove contaminated clothes, undergarments and shoes immediately.
: Wear respiratory protective with organic vapour absorber, boots and rubber gloves.
- 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.
: 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 : Not defined.
- Engineering Controls : Local exhaust ventilation may be necessary to reduce the concentration of chemical vapors.
: 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.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Off-white viscous suspension liquid
Odor	: Mild specific odor.
Odor Exposure Limits	: No data available.
pH value	: 3.5 – 7.0 at 25 degree Celsius
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	: Non applicable
Flammable Limits (LFL) %	: No data available.
(UFL) %	: No data available.
Explosion 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	: No data available.
Auto - Ignition Temperature	: No data available.
Decomposition Temperature	: No data available.
Solubility in water	: Soluble to milky suspension.
Specific Gravity / Density	: 1.04 – 1.07 Kg/L at 30 degree Celsius
Viscosity	: 300 – 600 cPs at 25 degree Celsius

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 , direct sunlight and do not touch the temperature above 50°C / 122 °F
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 ₅₀ = 988.80 mg/kg (Rat) (Calculated)
Dermal	: LD ₅₀ = 3,623.74 mg/kg (Rabbit) (Calculated)
Inhalation	: LD ₅₀ = 3.2 mg/L (4 Hours in Rat) (Calculated)
Skin Corrosion / Irritation	: Causes skin irritation.
Eye Damage / Irritation	: Causes serious eye irritation.
Skin Sensitization	: May cause an allergic skin reaction
Sensitization - Respiratory	: Not Classified.
Germ Cell Mutagenicity	: Not Classified.
Carcinogenicity	: Suspected of causing cancer.
Reproductive Toxicity	: Not Classified.
Specific Target Organ Toxicity	
- Single Exposure	: Not Classified.
- Repeat Exposure	: May cause damage to organ through prolonged or repeated exposure.
Aspiration Hazard	: Not Possible to Classify.





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	: Waste must be disposed of in accordance with federal, state and local environmental control regulations. : DO NOT dispose into the environment, waterways, drains and sewers. : Should not produce waste contaminated soil or water.
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 discharge to sewers, drains or watercourses.

SECTION 14: TRANSPORT INFORMATION

Regulation	UN Number	Correct Shipping Name	Classes	PG*	Symbols	Remark
ADR	UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains FIPRONIL)	9	III		Hazchem code 3Z
IMDG	UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains FIPRONIL (MARINE POLLUTANT))	9	III	 	Emergency schedules (Ems) F-A, S-F
IATA	UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains FIPRONIL)	9	III		Limited Quantities - Passenger Aircraft Quantity limitation: 30 Kg Packaging instructions: Y964 Passenger and Cargo Aircraft Quantity limitation: 450 L Packaging instructions: 964 Cargo Aircraft Only Quantity limitation: 450 L Packaging instructions: 964

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. : No. 639/2552
APVMA Approval No : 63789/106243



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SECTION 16: OTHER INFORMATION

Reference : 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
: Dangerous Goods Regulation (IATA-Resolution 618 Attachment "A") 54th Edition
<https://agashirinov.files.wordpress.com/2015/10/ekp000017565.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.

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