



Sherwood Chemicals Australasia Pty Ltd

SAFETY DATA SHEET Fipforce Dust Termiticide & Insecticide

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Date of Issue: January 22, 2020
Version No. : 1.0 Printed on: January 28, 2020

Section 1: Identification

| | |
|---|--|
| PRODUCT NAME: | Fipforce Dust Termiticide & Insecticide |
| OTHER NAMES: | Fipronil 5g/Kg Dustable Powder |
| PRODUCT USE: | Elimination of termites and ants |
| COMPANY NAME & CONTACT DETAILS | Sherwood Chemicals Australasia Pty Ltd 1065 Srinakarin Road, Suanluang, Suanluang Bangkok 10250 |
| PHONE: | +61 – 89219 4683 |
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| PHONE: | +66-3852-2302 |
| FAX: | +66-3852-2311 |
| EMERGENCY TELEPHONE NUMBER: | All hours +61 421 667 972 |

Section 2: Hazards identification

| | | |
|---|---|-------------|
| CLASSIFICATION ACCORDING TO GHS: | Acute toxicity : Oral | Category 5 |
| | Acute toxicity : Dermal | Category 4 |
| | Acute toxicity : Inhalation | Category 4 |
| | Skin corrosion / Irritation | Category 2 |
| | Eye damage / Irritation | Category 2A |
| | Carcinogenicity | Category 2 |
| | Reproductive toxicity | Category 1 |
| | Specific Target Organ Toxicity (Single Exposure) | Category 2 |
| | Specific Target Organ Toxicity (Repeated Exposure) | Category 2 |
| | Hazardous to the Aquatic environment-short term (Acute) hazard | Category 1 |
| | Hazardous to the Aquatic environment-long term (Chronic) hazard | Category 1 |

PICTOGRAMS OF GHS:





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SIGNAL WORD:

Danger

HAZARD 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.

HEALTH:

H303

: May be harmful if swallowed.

H312

: Harmful in contact with skin.

H315

: Causes skin irritation.

H319

: Causes serious eye irritation.

H332

: Harmful if inhaled.

H340

: May cause genetic defects.

H351

: Suspected of causing cancer.

H371

: May cause damage to organs.

H373

: May cause damage to organs through prolonged or repeated exposure.

ENVIRONMENT

H400

: Very toxic to aquatic life.

H410

: Very toxic to aquatic life with long lasting effects.

**PRECAUTIONARY
STATEMENT:****PREVENTION:**

P201

: Obtain special instructions before use.

P202

: **Do not** handle until all safety precautions have been read and understood.

P260

: **Do not** breathe dust/fumes/gas/mist/vapours/spray.

P261

: Avoid breathing dust.

P264

: Wash hands thoroughly after handling.

P270

: **Do not** eat, drink or smoke when using this product.

P271

: Use only outdoors or in a well-ventilated area.

P280

: Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE:

P302 + P352

: IF ON SKIN: Wash with plenty of water/...

P304+P340

: If INHALED: Remove person to fresh air and Keep 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.

P308+P313

: If expose or concerned: Get medical advice/attention.

P312

: Call a POISON CENTER/ doctor/.../if you feel unwell.

: Get medical advice/attention if you feel unwell.



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P314 : Rinse mouth.
P330 : If skin irritation occurs: Get medical advice/attention.
P332+P313 : If eye irritation persists: Get medical advice/attention.
P337+P313 : Take off contaminated clothing.
P362 : Wash contaminated clothing before reuse.
P363 : Collect spillage.
P391

STORAGE: Store locked up.
P405

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

Section 3: Composition / Information on Ingredients

| Chemical entity | CAS Number | Concentration % |
|---------------------|-------------|-----------------|
| Boric Acid Powder | 10043-35-3 | 2.00 – 4.00 |
| CAB-O-SIL M5 | 7631-86-9 | 0.50 - 1.00 |
| Tech.Fipronil (97%) | 120068-37-3 | 0.50 – 0.60 |
| Talcum powder | 14807-96-6 | 30.0 – 35.0 |
| Inert ingredients | - | Balance |

Section 4: First Aid Measures

EYE: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses , if present and easy to do. Continue rinsing.

INHALATION: Remove patient to fresh air and keep comfortable for breathing. Get medical attention immediately.

SKIN: Remove and wash contaminated clothing immediately. Wash affected area thoroughly with soap and water. If the patient feels unwell seek medical advice.

INGESTION: If swallowed: Rinse mouth, **Do NOT** induce vomiting (If it's possible to head down maintain open airway and prevent aspiration) get medical attention immediately.

ADVICE TO DOCTOR: Symptomatic treatment.



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Section 5: Fire Fighting Measures

EXTINGUISHING MEDIA:

SUITABLE: Use carbon dioxide, water-fog, foam or dry powder extinguishers.

NOT SUITABLE: Not specified.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: None.

SPECIAL PROTECTIVE ACTION FOR FIRE-FIGHTERS: Wear self-contained breathing apparatus and chemical-protective clothing.

Section 6: Accidental Release Measures

PERSONAL PRECAUTIONS: Avoid breathing dust. Do not eat, drink or smoke. Wash hands and exposed skin.

ENVIRONMENTAL PRECAUTIONS: Avoid disposal of spilled material into soil, waterways, drains and sewers.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP: Do not empty into drains. Absorb liquid with absorbent material (sand, diatomaceous earth, sawdust) and stored in a suitable container for disposal. Waste through waste removal contractor is licensed and/or local authority control.

Section 7: Handling and Storage

PRECAUTIONS FOR SAFE HANDLING: Avoid contact with eyes. Wash hands with soap and water after handling. Remove contaminated clothing and protective equipment before entering eating areas. Ensure there is sufficient ventilation in the area.

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. Away from food, drink and animal feeding stuffs.

Section 8: Exposure Controls and Personal Protection

NATIONAL EXPOSURE STANDARDS: No occupational exposure limits known. Read the manual before using.

ENGINEERING None necessary.



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CONTROLS:

PERSONAL PROTECTIVE EQUIPMENT: Wear safety glasses and appropriate chemical resistance protective gloves and clean up after work.

Section 9: Physical and Chemical Properties

APPEARANCE: Powder, Yellowish color
ODOUR: Perfume smells
pH: 5.5 – 7.5 @ 25°C
FREEZING POINT: Not determined
BOILING POINT/RANGE: Not determined
FLASH POINT: Not applicable
EVAPORATION RATE: Not determined
FLAMMABILITY: Non-flammable
VAPOUR PRESSURE: Not determined
VAPOUR DENSITY: Not determined
SOLUBILITY IN WATER AT 25°C: Insoluble
SPECIFIC GRAVITY: 0.40 – 0.70 Kg/Lt. (Untapped density)
PARTITION COEFFICIENT n-OCTANOL/WATER: Not determined
FLAMMABLE LIMITS:
(LEL)% Not applicable
(UEL)% Not applicable
AUTO-IGNITION TEMPERATURE: Not determined
DECOMPOSITION TEMPERATURE: Not determined

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 and open flames. Avoid extremes of temperature, e.g. below 0°C and above 40°C.
INCOMPATIBLE MATERIALS: Strong oxidizing agent, Strong bases.



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**HAZARDOUS
DECOMPOSITION
PRODUCT:**

Combustion or thermal decomposition will evolve carbon and nitrogen oxides and Halogen compounds.

Section 11: Toxicological Information

Acute Toxicity

| | |
|-----------------------------|---|
| Acute Toxicity (Oral) | : LD ₅₀ = 3,208.20 mg/Kg, rat => Category 5 |
| Acute Toxicity (Dermal) | : LD ₅₀ = 1,963.88 mg/Kg, rabbit => Category 4 |
| Acute Toxicity (Inhalation) | : LC ₅₀ = 3.60 mg/l, 4 hrs., rat => Category 4 |

Skin Corrosion/Irritation

: Category 2 : Causes mild skin irritation.

Serious Eye Damage/Eye Irritation

: Category 2A : Causes serious eye irritation.

Respiratory or Skin Sensitization

| | |
|---------------------------|--------------------------------|
| Respiratory sensitization | : Classification not possible. |
| Skin sensitization | : Not classified. |

Germ Cell Mutagenicity

: Not classified.

Carcinogenicity

: Category 2 : Suspected to causing respiratory cancer.

Reproductive toxicity

: Category 1 : May damage fertility or the unborn child.

Specific Target Organ Toxicity/Single Exposure

: Category 2 => May causes damage to nervous system.

Specific Target Organ Toxicity/Repeated Exposure

: : Category 2 => May causes damage to nervous system.

Aspiration Hazard

: Classification not possible.

Section 12: Ecological Information

**TOXICITY: HAZARDOUS TO THE
AQUATIC ENVIRONMENT**



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| | |
|-----------------------------------|---|
| Short-Term (Acute) Hazard | : Category 1 ; Very toxic to aquatic life. |
| Long-term (Chronic) Hazard | : Category 1 : Very toxic to aquatic life with long lasting effects. |

PERSISTENCE AND EGRADABILITY:

This product is expected to be decomposed immediately. (readily biodegradable) Stable to degradation in the environment.

BIOACCUMULATIVE POTENCIAL:

This product is not expected to bio accumulate.

MOBILITY IN SOIL:

Leaching potential of Permethrin and its degradates show that very little Downward movement occurs in soil. Permethrin in aquatic environment absorbs to vegetation and hydro soil.

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.

This product is dangerous for the environment. Do not discharge to sewers, drains or watercourses.

Section 14: Transport Information

| ข้อควรปฏิบัติ | UN Number | ชื่อขนส่งที่ถูกต้อง (Proper Shipping Name) | Classes | PG* | ฉลาก | ข้อมูลเพิ่มเติม |
|---------------|-----------|--|---------|-----|------|---|
| ADR | UN 3082 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains FIPRONIL) | 9 | III | | <u>Hazchem code</u> 3Z |
| IMDG | UN 3082 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains FIPRONIL (MARINE POLLUTANT) | 9 | III | | <u>Emergency schedules</u> (Ems) F-A, S-F |



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| | | | | | | |
| IATA | UN 3082 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains FIPRONIL) | 9 | III | | <u>Cargo Packing Instruction</u> : 914 <u>Passenger Packing Instruction</u> : 914 |

Beware ensure transportation of the container tightly closed, no leak and does not overturned. No 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)

APVMA REGISTRATION: No. 69588

LABELLING ACCORDING TO EU

GUIDELINES:

T : Toxic
Xn : Harmful
Xi : Irritant

Section 16: Other Information

Sherwood Corporation (Thailand) Public Company Limited

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SDS Creation date: January 22, 2020

Disclaimer

The above information comes from the knowledge that there is currently preparing information and altruism to explain the impact of the product on health, safety and the environment only. It should not be construed as a guarantee of any particular features of the products mentioned herein.

END OF MSDS