

Safety Data Sheet

Version: 1.0
Date / Revised: 16.10.2015

TERMIDOR® FOAM TERMITICIDE AND INSECTICIDE

Date of Print: 16.10.2015

1. Substance/preparation and company identification

TERMIDOR® FOAM TERMITICIDE AND INSECTICIDE

Use: Aerosol formulation for the control of subterranean termites, drywood termites and ants.

Manufacturer / supplier:

BASF Australia Limited (ABN 62 008 437 867)
Level 12, 28 Freshwater Place
Southbank VIC 3006
AUSTRALIA
Telephone: +61-3-8855 6600
Telefax: +61-3-8855 6511

Emergency information (24 h):

Within Australia: 1800 803 440
Outside Australia: +61 3 8855 6666

2. Hazards Identification

NON-HAZARDOUS SUBSTANCE – DANGEROUS GOODS.

The product is classified as a hazardous chemical in accordance with GHS criteria.

Extremely flammable.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Keep out of reach of children.

Keep away from food, drink and animal feeding stuffs.

Keep away from sources of ignition – No smoking.

When using, do not eat, drink or smoke.

Do not empty into drains, the material and its container must be disposed of in a safe way.

If swallowed, seek medical advice immediately and show the container or label.

Use appropriate container to avoid environmental contamination.

GHS CLASSIFICATION

DANGER

Flammable aerosols – Category 1

Hazardous to the aquatic environment – Acute Category 1

Hazardous to the aquatic environment – Chronic Category 1



Hazard statements

Extremely flammable aerosol.

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Pressurised container: May burst if heated.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.

Precautionary statement:
Keep out of reach of children.

Precautionary statements (Prevention)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
Do not spray on an open flame or other ignition sources.
Do not pierce or burn, even after use.

Precautionary statements (Response)

Collect spillage.

Precautionary statements (Storage)

Protect from sunlight.
Do not expose to temperatures exceeding 50°C
Collect spillage.

Precautionary statements (Disposal)

Dispose of contents/container to hazardous or special waste collection point.

3. Composition/Information on Ingredients

Chemical nature:

Ready to use insecticide formulation.

Hazardous ingredients:

Fipronil

Content (W/W): 0.005 %
CAS Number: 120068-37-3
Acute Toxicity (inhalation, dust) – Category 2
Acute Toxicity (oral) – Category 3
Acute Toxicity (dermal) – Category 3
STOT (repeated exposure) – Category 1
Aquatic Acute – Category 1
Aquatic Chronic – Category 1

Petroleum gases, liquefied, sweetened

Content (W/W): < 10 %
CAS Number: 68476-86-8
Gases under Pressure – Liquefied Gas
Flammable Gas – Category 1

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4. First-Aid Measures

General advice:

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 13 11 26. Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:

Rinse mouth and then drink plenty of water.

Note to physician:

Symptoms: No significant reaction of the human body to the product known.

Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures

Suitable extinguishing media:

Water spray, carbon dioxide, dry powder, foam.

Specific hazards:

The following substances can be released in a fire: carbon monoxide, carbon dioxide, nitrogen oxides. Aerosol container contains a flammable gas under pressure.

Special protective equipment:

Wear self-contained breathing apparatus and chemical protective clothing.

Further information:

In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately and do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental Release Measures

Personal precautions:

Do not breathe vapour / spray. Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

Environmental precautions:

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

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Methods for cleaning-up or taking-up:

Contain and pick up spills with suitable absorbent material (e.g. sand sawdust, general purpose binder, keiselguhr). Collect waste in suitable containers, which can be labelled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Dispose of absorbed material in accordance with regulations.

7. Handling and Storage

Handling

No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using, do not eat, drink or smoke. Avoid contact with skin and eyes. Hands and/or face should be washed before breaks and at the end of the shift. Keep out of reach of children. Do not spray directly onto humans, pets, exposed foods, food utensils or food preparation surfaces.

Protection against fire and explosion:

Extremely flammable aerosol. Pressurised container which may burst if heated.

Storage:

Keep in a cool place out of the sun, and out of reach of children. Protect from temperatures above 40°C. Changes in the properties of the product may occur if the product is stored above this temperature for extended periods of time. Do not incinerate or puncture this can, even when empty. Dispose of can by putting in garbage, or leaving it at an appropriate metal recycling collection point.

8. Exposure Controls and Personal Protection

Exposure limit values

No workplace exposure standard is applicable for this product.

Respiratory protection:

No respiratory protection required.

Hand protection:

No hand protection required.

Eye protection:

No eye protection required.

Body protection:

No body protection required.

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing (e.g. cotton overalls) is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs. Wash hands after use. Wash gloves after each day's use. If product on skin, immediately wash area with soap and water.

9. Physical and Chemical Properties

Form:	aerosol
Colour:	off-white
Odour:	odourless

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pH value:	approx. 5 – 7 (24°C)
Boiling point:	approx. -43 to 13°C
Melting range:	not applicable
Flash point:	approx. -104°C
Lower explosion limit:	not available
Upper explosion limit:	not available
Explosion hazard:	not explosive
Self ignition:	approx. 287°C
Vapour pressure:	approx. 4826 hPa [solvent] (21.4°C)
Density:	approx. 1 g/cm ³ (20°C)
Solubility in water:	dispersible
Solubility:	not available for other media
Partitioning coefficient n-octanol/water (log Pow):	not applicable
Viscosity	27.83 cps (24.9°C)
Evaporation rate:	not applicable

10. Stability and Reactivity

Conditions to avoid:

Keep away from heat. Protect from direct sunlight.

Thermal decomposition:

No decomposition if stored and handled as per the directions on the label.

Materials to avoid:

Strong acids, strong bases and strong oxidizing agents.

Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.

Hazardous decomposition products:

No hazardous decomposition product when stored and handled according to instructions.

11. Toxicological Information

Acute toxicity

Assessment of acute toxicity:

Virtually non-toxic after a single ingestion. Virtually non-toxic by inhalation. Virtually non-toxic after a single skin contact.

Experimental/calculated data:

LD50 rat (oral): > 5000 mg/kg

LD50 rat (dermal): > 5000 mg/kg

LC50 rat (inhalation): > 5.09 mg/l/4 h (an aerosol was tested)

Irritation

Assessment of irritating effects:

Not irritating to the skin. Not irritating to the eyes.

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Sensitization

Assessment of sensitization:

There is no evidence of a skin-sensitizing potential.

Germ cell mutagenicity

Assessment of mutagenicity (Fipronil):

Results from a number of mutagenicity studies with microorganisms, mammalian cell culture and mammals are available. Taking into account all the information, there is no indication that the substance is mutagenic. The product has not been tested. The statement has been derived from the properties of the individual components.

Carcinogenicity

Assessment of carcinogenicity (Fipronil):

In long-term studies in rats the substance induced thyroid tumours. The effect is caused by an animal specific mechanism that has no human equivalent. In long-term studies in mice in which the substance was given by feed, a carcinogenic effect was not observed. The product has not been tested. The statement has been derived from the properties of the individual components.

Reproductive toxicity

Assessment of reproduction toxicity:

The results of animal studies gave no indication of a fertility impairing effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Developmental toxicity

Assessment of teratogenicity:

Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals. The product has not been tested. The statement has been derived from the properties of the individual components.

Repeated dose toxicity and Specific Target Organ Toxicity (repeated exposure)

Assessment of repeated dose toxicity:

Fipronil causes mortality and signs of neurotoxicity through prolonged or repeated exposure. The product has not been tested. The statement has been derived from the properties of the individual components.

Other relevant toxicity information:

Misuse can be harmful to health.

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:

Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on Fipronil:

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Toxicity to fish:
LC50 (96 h): 0.0852 mg/l, *Lepomis macrochirus*

Toxicity to aquatic invertebrates:
EC50 (48 h): 0.19 mg/l, *Daphnia magna*
LC50 (96 h): 0.00014 mg/l, *Mysidopsis bahia*
No Observed Effect Concentration (NOEC): 0.0098 mg/l/21 d, *Daphnia magna*
No Observed Effect Concentration (NOEC): 0.000008 mg/l/96 h, *Mysidopsis bahia*

Toxicity to aquatic plants:
EC50 (96 h): 0.068 mg/l (growth rate), *Scenedesmus subspicatus*

Mobility

Assessment transport between environmental compartments (Fipronil):
Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of the groundwater is not expected. The product has not been tested. The statement has been derived from the properties of the individual components.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):
Fipronil is not readily biodegradable. The product has not been tested. The statement has been derived from the properties of the individual components.

Bioaccumulation potential

Assessment biodegradation and elimination (H₂O):
Accumulation in organisms is not to be expected. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on Fipronil:

Bioconcentration factor: 321, *Lepomis macrochirus*

Additional information

Other ecotoxicological advice:
Do not discharge product into the environment without control. Highly toxic to aquatic life. Dangerous to bees.

13. Disposal Considerations

Waste disposal of substance:

Dispose of in accordance with relevant local, state or territory government regulations.

Contaminated packaging:

Do not incinerate or puncture this can, even when empty. Dispose of can by putting in garbage, or leaving it at an appropriate metal recycling collection point. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

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14. Transport Information

Domestic transport (ADG):

Hazard Class: 2.1
ID Number: UN 1950
Hazard Label: 2.1, EHSM
Proper Shipping Name: AEROSOLS (contains FIPRONIL, HYDROCARBON PROPELLENT)
Hazchem Code: 2YE

Sea transport (IMDG):

Hazard Class: 2.1
ID Number: UN 1950
Hazard Label: 2.1, EHSM
Proper Shipping Name: AEROSOLS (contains FIPRONIL, HYDROCARBON PROPELLENT)
Marine Pollutant: YES

Air transport (ICAO/IATA):

Hazard Class: 2.1
ID Number: UN 1950
Hazard Label: 2.1, EHSM
Proper Shipping Name: AEROSOLS (contains FIPRONIL, HYDROCARBON PROPELLENT)

15. Regulatory Information

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP)

Poisons Schedule: Not Scheduled

Registration status

APVMA Approval Number 70346/63237

16. Other Information

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.