

SAFETY DATA SHEET



Date Issued: 01 Jan 2018
SDS Ref. No: Termikil
Revision No.: See section 16

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : Termikil
Common name : Fipronil
Material Usage : For control of Termite

Company name : NewEastern (1971) Pte Ltd
No. 69 Ubi Crescent #04-06
CES Building Singapore 408561

Emergency number to call : +65-62968777

For restricted use only.

2. HAZARDS IDENTIFICATION

Ingestion : LD50(rat) Oral 18400mg/kg
Skin : LD50(rabbit) Demal 60000mg/kg
Inhalation : LC50(rat) above 70mg/1/4h

2.1 LABELS ELEMENTS

Globally Harmonized System, EU (GHS)

Pictogram:



Signal Word:
Warning

Hazard Statement:

H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements (Response):

P391 Collect spillage.

Labeling of special preparations (GHS):

May cause paraesthesia.

According to Directive 67/548/EEC or 1999/45/EC

Classification/labelling in accordance with UK regulations

Hazard symbol(s)

N Dangerous for the environment.



R-phrase(s)

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects
In the aquatic environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

- a. Fipronil 0.5%
- b. Inert non hazardous ingredient

4. FIRST AID MEASURES

Inhalation:

- a. Remove to fresh air.
- b. Seek medical attention immediately.

Skin Contact:

- c. Remove contaminated clothing, including shoes and immediately wash skin with soap and water.
- d. Seek medical attention if irritation persists

Eye Contact:

- e. Flush eyes with large amount of clean water for at least 15 minutes.
- f. Seek medical attention immediately

Ingestion:

- g. Induce vomiting by giving a tablespoon of salt in a glass of warm water or by touching the back of the throat with finger. Repeat until vomitus is clear.
- h. Seek medical attention immediately

5. FIRE FIGHTING MEASURES

Fire Fighting Procedures:

- a. Use dry chemical or carbon dioxide for small fires, foam for large fires.
- b. Keep containers cool by spraying with water if exposed to fire

Special Fire Precautions:

- c. Wear self-containing breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Land Spill:

- a. Sweep up spilled powder.
- b. Scoop into proper containers and arrange for removal by a licensed contractor.
- c. Spill and waste disposal procedures approved by state local authorities must be observed
- d. Do not contaminate water, food or feed by storage and disposal.
- e. Do not reuse container
- f. Container for disposal must be triple rinse (or equivalent). Then puncture and dispose off in a sanitary landfill

7. HANDLING AND STORAGE

- Keep dry at ambient temperature
- Keep away from food, drink and animal feed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection

Respiratory:

- a. In case of sufficient ventilation, wear a pesticide respirator jointly approved by the local authority.

Protective Glove:

- b. Wear heavy duty, natural rubber gloves

Eye Protection:

- c. Wear safety goggles

Other Protection:

- d. Wear long sleeve and long pants
- e. Wear rubber boots
- f. Keep all unprotected persons and children away from working area
- g. Before removing gloves, wash them with soap and water.
- h. Always wash hands, face and area with soap and water before smoking, eating or drinking
- i. After work, take off all work clothes and shoes, shower using soap and water. Wear only clean clothes before leaving job
- j. Do not wear contaminated clothing.
- k. Wash protective clothing and wash with soap and water after each use
- l. Respirator should be cleaned and filter replaced according to instructions included with respirator

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Powder
Colour	: White
Odor	: Slight characteristic smell
PH	: NA
Vapor Pressure (20°C)	: NA
Melting point	: NA
Flash Point	: NA

10. STABILITY AND REACTIVITY

Product decompose when exposed to sunlight or UV light.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Ingestion	: LD50(rat) Oral 18400mg/kg
Skin	: LD50 (rabbit) Demal 60000mg/kg
Inhalation	: LC50 (rat) above 70mg/1/4h

Irritation

Primary skin irritation rabbit: non-irritant

Sensitization

Skin sensitizing effects were not observed in animal studies

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxicity to fish:

LC50 (96 h) 80mg/l, *Cyprinus carpio*

Aquatic invertebrates

EC50 (48 h) 38mg/l, *Daphnia magna*

Aquatic plants

EC50 (96 h) 136mg/l (biomass), *Scenedesmus subspicatus*

Persistence and degradability

Not readily biodegradable

Additional Information

Do not discharge product into environment without control

13. DISPOSAL CONSIDERATIONS

- Combination with other materials may well indicate another route of disposal. If doubt, contact local Authorities.
- Do not reuse container
- Contact licensed industrial waster collector for proper disposal

14. TRANSPORT INFORMATION

Domestic transport:

Hazard class: 9

ID number: UN 3077

Hazard label: 9, EHS

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(contains FIPRONIL 0.5%)

Sea transport

IMDG

Hazard class: 9

ID number: UN 3077

Hazard label: 9, EHS

Marine pollutant: YES

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(contains FIPRONIL 0.5%)

15. REGULATORY INFORMATION

Not known

16. OTHER INFORMATION

Not applicable

REVISION SUMMARY:

None

The data presented in this Safety Data Sheet are believed to be correct and faithful. New Eastern (1971) Pte Ltd does not make guarantee or warranties of any kind regarding the completeness of accuracy thereof