

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



Revision date 12-Sep-2021

Revision Number 1

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product Name **PRO-GEL TERMITES & ANTS**

Product Code(s) TP.8011.T.1

Pure substance/mixture Mixture

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Insecticide; For professional users only

Uses advised against No information available

### 1.3. Details of the supplier of the safety data sheet

#### Manufacturer

Tapazol Chemical Works Ltd.  
1st HaSolela st.  
West. Ind. Zone  
Beit Shemesh, Israel 9905415  
Tel: +972-2-992-6040  
Fax: +972-2-9926050  
For further information, please contact [sds@tapazol.co.il](mailto:sds@tapazol.co.il)

### 1.4. Emergency telephone number

Emergency Telephone +972 4 777 1900

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Acute toxicity - Dermal	Category 4 - (H312)
Acute aquatic toxicity	Category 1 - (H400)
Chronic aquatic toxicity	Category 1 - (H410)

### 2.2. Label elements

Contains Fipronil



Signal word  
Warning

**Hazard statements**

H312 - Harmful in contact with skin  
 H410 - Very toxic to aquatic life with long lasting effects  
 EUH401 - To avoid risks to human health and the environment, comply with the instructions for use

**Precautionary Statements - EU (§28, 1272/2008)**

P102 - Keep out of reach of children  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection  
 P312 - Call a POISON CENTER or doctor if you feel unwell  
 P501 - Dispose of contents/ container to an approved waste disposal plant

**Additional information**

SP1 - Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

**2.3. Other hazards**

**Endocrine Disruptor Information**

Chemical name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances
Fipronil	Group III Chemical	-

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Not applicable

**3.2 Mixtures**

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Fipronil	424-610-5	120068-37-3	0.01	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) STOT RE 1 (H372) Aquatic Acute 1 (H400) M=1000 Aquatic Chronic 1 (H410) M=10000

**Full text of H- and EUH-phrases: see section 16**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.

**Ingestion** Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

**4.2. Most important symptoms and effects, both acute and delayed**

**4.3. Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

<b>Small Fire</b>	Dry chemical, CO2, water spray or regular foam.
<b>Large Fire</b>	Water spray, fog or regular foam Dike fire-control water for later disposal Move containers from fire area if you can do it without risk

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**5.2. Special hazards arising from the substance or mixture**

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling** Ensure adequate ventilation.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

**7.3. Specific end use(s)**

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Exposure Limits** .

**Biological occupational exposure limits**

Chemical name	Latvia	Luxembourg	Romania	Slovakia
Fipronil 120068-37-3	-	-	5 mg/g Creatinine - urine (Fluorine) - end of shift	-

**8.2. Exposure controls**

**Personal protective equipment**

**Eye/face protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**Physical state** Gel

**Color** yellow

**Odor** Cocoa.

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		
pH (as aqueous solution)		

<b>Melting point / freezing point</b>		
<b>Boiling point / boiling range</b>		
<b>Flash point</b>	> 93.4	
<b>Evaporation rate</b>	No data available.	
<b>Flammability (solid, gas)</b>	No data available.	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	No data available.	
<b>Lower flammability or explosive limits</b>	No data available.	
<b>Vapor pressure</b>	No data available.	
<b>Vapor density</b>	No data available.	
<b>Relative density</b>	0.9 - 1.1	20°C
<b>Water solubility</b>	No data available.	
<b>Solubility(ies)</b>	No data available.	
<b>Partition coefficient</b>	No data available.	
<b>Autoignition temperature</b>	No data available.	
<b>Decomposition temperature</b>		
<b>Kinematic viscosity</b>	No data available.	
<b>Dynamic viscosity</b>	No data available.	

## 9.2. Other information

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

### 10.2. Chemical stability

**Stability** Stable under normal conditions.

#### **Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

### 10.4. Conditions to avoid

**Conditions to avoid** None known based on information supplied.

### 10.5. Incompatible materials

**Incompatible materials** None known based on information supplied.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None known based on information supplied.

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

**Oral LD50** > 5000 mg/kg. Based on available data, the classification criteria are not met.

**Dermal LD50** > 5000 mg/kg. Based on available data, the classification criteria are not met.

**Inhalation LC50** > 9.19 mg/l air 4 h Based on available data, the classification criteria are not met.

**Skin corrosion/irritation** Non-irritating to the skin. Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Non-irritating to the eyes. Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization** Not a skin sensitizer. Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**

Chemical name	European Union
Fipronil	Not classified

**Carcinogenicity**

Chemical name	European Union
Fipronil	Not classified

**Reproductive toxicity**

Chemical name	European Union
Fipronil	Not classified

**STOT - single exposure** Not classified. (Based on available data, the classification criteria are not met). (Fipronil).

**STOT - repeated exposure** STOT RE 1 - H372. (Fipronil).

**Aspiration hazard** Not classified. (Based on available data, the classification criteria are not met). (Fipronil).

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity** H400 - Classification based on calculation method.  
H410 - Classification based on calculation method.  
Classification based on calculation method.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Fipronil	Acute tox: LC50 = 0.068 mg/l; Chronic tox: NOEC > 0.16 mg/l	Acute tox: LC50 = 0.0852 mg/l; Chronic tox: NOEC = 0.0029 mg/l	-	Acute tox: LC50 = 0.000140 mg/l; Chronic tox: NOEC = 0.0000077 mg/l

**12.2. Persistence and degradability**

**Persistence and degradability** Not readily biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulation** There is no data for this product.

**Bioconcentration factor (BCF)** 321

**Component Information**

Chemical name	Partition coefficient
Fipronil	LogPow: 3.5-4.0

**12.4. Mobility in soil**

**12.5. Results of PBT and vPvB assessment**

**PBT and vPvB assessment** The components in formulation do not meet the criteria for classification as PBT or vPvB.

**12.6. Other adverse effects**

**Endocrine Disruptor Information**

Chemical name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances

Fipronil	Group III Chemical	-
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**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**SECTION 14: Transport information**

**IMDG**

- 14.1 UN number 3082
- 14.2 UN proper shipping name Environmentally hazardous substance, liquid, n.o.s. [Fipronil]
- 14.3 Transport hazard class(es) 9
- 14.4 Packing group III
- 14.5 Marine pollutant Yes
- Environmental hazards Yes
- 14.6 Special precautions for user Special Provisions None
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**RID**

- 14.1 UN number 3082
- 14.2 UN proper shipping name Environmentally hazardous substance, liquid, n.o.s. [Fipronil]
- 14.3 Transport hazard class(es) 9
- 14.4 Packing group III
- 14.5 Environmental hazards Yes
- 14.6 Special precautions for user Special Provisions None

**ADR**

- 14.1 UN number 3082
- 14.2 UN proper shipping name Environmentally hazardous substance, liquid, n.o.s. [Fipronil]
- 14.3 Transport hazard class(es) 9
- 14.4 Packing group III
- 14.5 Environmental hazards Yes
- 14.6 Special precautions for user Special Provisions None

**IATA**

- 14.1 UN number 3082
- 14.2 UN proper shipping name Not regulated
- 14.3 Transport hazard class(es) 9
- 14.4 Packing group III
- 14.5 Environmental hazards Yes
- 14.6 Special precautions for user Special Provisions None

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**National regulations**

**Germany**

**Water hazard class (WGK)** slightly hazardous to water (WGK 1)

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Persistent Organic Pollutants**

Not applicable

**Export Notification requirements**

This product contains substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals

Chemical name	European Export/Import Restrictions per (EC) 689/2008 - Annex Number
Fipronil - 120068-37-3	I.1 I.2

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009** Not applicable

**International Inventories**

- TSCA** Contact supplier for inventory compliance status
- DSL/NDSL** Contact supplier for inventory compliance status
- EINECS/ELINCS** Contact supplier for inventory compliance status
- ENCS** Contact supplier for inventory compliance status
- IECSC** Contact supplier for inventory compliance status
- KECL** Contact supplier for inventory compliance status
- PICCS** Contact supplier for inventory compliance status
- AICS** Contact supplier for inventory compliance status

**Legend:**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

**15.2. Chemical safety assessment**

**SECTION 16: Other information**

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Full text of H-Statements referred to under section 3**

- H301 - Toxic if swallowed
- H311 - Toxic in contact with skin
- H331 - Toxic if inhaled
- H372 - Causes damage to organs through prolonged or repeated exposure
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects



**Legend**

SVHC: Substances of Very High Concern for Authorization:

**Legend Section 8: Exposure controls/personal protection**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Classification procedure**

H312 - Classification based on opinion of Sanitary services authority in Israel.

H400 - Classification based on calculation method

H410 - Classification based on calculation method

**Key literature references and sources for data used to compile the SDS**

- Agency for Toxic Substances and Disease Registry (ATSDR)
- U.S. Environmental Protection Agency ChemView Database
- European Food Safety Authority (EFSA)
- EPA (Environmental Protection Agency)
- Acute Exposure Guideline Level(s) (AEGl(s))
- U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
- U.S. Environmental Protection Agency High Production Volume Chemicals
- Food Research Journal
- Hazardous Substance Database
- International Uniform Chemical Information Database (IUCLID)
- Japan GHS Classification
- Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
- NIOSH (National Institute for Occupational Safety and Health)
- National Library of Medicine's ChemID Plus (NLM CIP)
- National Library of Medicine's PubMed database (NLM PUBMED)
- National Toxicology Program (NTP)
- New Zealand's Chemical Classification and Information Database (CCID)
- Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
- Organization for Economic Co-operation and Development High Production Volume Chemicals Program
- Organization for Economic Co-operation and Development Screening Information Data Set
- World Health Organization

**Revision date** 12-Sep-2021

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**Disclaimer**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

**End of Safety Data Sheet**