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1. Identification

Product identifier used on the label

Termidor SC Termiticide/Insecticide

Recommended use of the chemical and restriction on use

Recommended use*: insecticide

Details of the supplier of the safety data sheet

Company:

BASF CORPORATION 100 Park Avenue Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

Substance number: 256709 EPA Registration number: 7969-210

Molecular formula: C12 H4 Cl2 F6 N4 O S Chemical family: phenyl pyrazole

Synonyms: fipronil

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

Acute Tox. 4 (oral) Acute toxicity

STOT RE 1 Specific target organ toxicity — repeated

exposure

Aquatic Acute 2 Hazardous to the aquatic environment - acute Aquatic Chronic 2 Hazardous to the aquatic environment - chronic

^{*} The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Safety Data Sheet

Termidor SC Termiticide/Insecticide

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Label elements

Pictogram:



Signal Word: Danger

Hazard Statement:

H302 Harmful if swallowed.

H372 Causes damage to organs through prolonged or repeated exposure.

H401 Toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P273 Avoid release to the environment.
P260 Do not breathe dust/gas/mist/vapours.

P270 Do not eat, drink or smoke when using this product.

P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

P314 Get medical advice/attention if you feel unwell.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you

feel unwell.

P330 Rinse mouth. P391 Collect spillage.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection

point.

Hazards not otherwise classified

Labeling of special preparations (GHS):

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 3 % dermal

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 5 % Inhalation - vapour

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 5 % Inhalation - mist

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

CAS Number	<u>Weight %</u>	<u>Chemical name</u>
120068-37-3	9.1 %	fipronil
137-20-2	0.3 - 1.0%	Ethanesulfonic acid, 2-[methyl(1-oxo-9-octadecenyl)amino]-, sodium salt, (Z)-
2634-33-5	< 0.1%	1,2-benzisothiazol-3(2H)-one

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4. First-Aid Measures

Description of first aid measures

General advice:

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

If on skin:

Immediately wash thoroughly with soap and water, seek medical attention.

If in eyes:

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

If swallowed:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known. CNS stimulation, tremors, convulsions

Indication of any immediate medical attention and special treatment needed

Note to physician

Antidote: No known specific antidote.

Treat symptomatically. Anticonvulsant therapy as routinely administered

to humans. Based on animal studies diazepam and phenobarbital prevented convulsions. Due to the slow elimination of the active compound and its metabolites, the treatment must be continued for several days, gradually decreasing the dose of anticonvulsant based on

the clinical response.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

foam, dry powder, carbon dioxide, water spray

Special hazards arising from the substance or mixture

Hazards during fire-fighting:

carbon monoxide, carbon dioxide, hydrogen fluoride, Hydrogen chloride, nitrogen oxides, sulfur oxides, acid halides

If product is heated above decomposition temperature, toxic vapours will be released. The substances/groups of substances mentioned can be released if the product is involved in a fire.

Advice for fire-fighters

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Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

Evacuate area of all unnecessary personnel. Contain contaminated water/firefighting water. Do not allow to enter drains or waterways.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Take appropriate protective measures. Clear area. Shut off source of leak only under safe conditions. Extinguish sources of ignition nearby and downwind. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment.

Environmental precautions

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater. Contain contaminated water/firefighting water.

Methods and material for containment and cleaning up

Dike spillage. Pick up with suitable absorbent material. Place into suitable containers for reuse or disposal in a licensed facility. Spilled substance/product should be recovered and applied according to label rates whenever possible. If application of spilled substance/product is not possible, then spills should be contained, solidified, and placed in suitable containers for disposal. After decontamination, spill area can be washed with water. Collect wash water for approved disposal.

7. Handling and Storage

Precautions for safe handling

RECOMMENDATIONS ARE FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS. PESTICIDE APPLICATORS & WORKERS must refer to the Product Label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Ensure adequate ventilation. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep away from sources of ignition - No smoking. Keep container tightly sealed. Protect contents from the effects of light. Protect against heat. Protect from air. Handle and open container with care. Do not open until ready to use. Once container is opened, content should be used as soon as possible. Avoid aerosol formation. Avoid dust formation. Provide means for controlling leaks and spills. Do not return residues to the storage containers. Follow label warnings even after container is emptied. The substance/product may be handled only by appropriately trained personnel. Avoid all direct contact with the substance/product. Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts/mists/vapours. Wear suitable personal protective clothing and equipment.

Protection against fire and explosion:

The relevant fire protection measures should be noted. Fire extinguishers should be kept handy. Avoid all sources of ignition: heat, sparks, open flame. Sources of ignition should be kept well clear. Avoid extreme heat. Keep away from oxidizable substances. Electrical equipment should conform to national electric code. Ground all transfer equipment properly to prevent electrostatic discharge. Electrostatic discharge may cause ignition.

Conditions for safe storage, including any incompatibilities

Segregate from incompatible substances. Segregate from foods and animal feeds. Segregate from textiles and similar materials.

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Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect containers from physical damage. Protect against contamination. The authority permits and storage regulations must be observed. Keep away from heat. Protect from direct sunlight.

8. Exposure Controls/Personal Protection

Users of a pesticidal product should refer to the product label for personal protective equipment requirements.

No occupational exposure limits known.

Advice on system design:

Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

Personal protective equipment

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator. For situations where the airborne concentrations may exceed the level for which an air purifying respirator is effective, or where the levels are unknown or Immediately Dangerous to Life or Health (IDLH), use NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

Hand protection:

Chemical resistant protective gloves, Protective glove selection must be based on the user's assessment of the workplace hazards.

Eye protection:

Safety glasses with side-shields. Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

General safety and hygiene measures:

Wear long sleeved work shirt and long work pants in addition to other stated personal protective equipment. Work place should be equipped with a shower and an eye wash. Handle in accordance with good industrial hygiene and safety practice. Personal protective equipment should be decontaminated prior to reuse. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks). Take off immediately all contaminated clothing. Store work clothing separately. Hands and/or face should be washed before breaks and at the end of the shift. No eating, drinking, smoking or tobacco use at the place of work. Keep away from food, drink and animal feeding stuffs.

9. Physical and Chemical Properties

Form: suspension Odour: characteristic

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Odour threshold: Not determined due to potential health hazard by inhalation.

Colour: off-white

pH value: approx. 6.5 - 8.5

(21 °C)

Melting point: < 0 °C

Information applies to the solvent.

Boiling point: approx. 100 °C

Information applies to the solvent.

Flash point: > 206.96 °F Flammability: not applicable

Lower explosion limit: As a result of our experience with this

product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with

the intended use.

Upper explosion limit: As a result of our experience with this

product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with

the intended use.

Autoignition: Information applies to the solvent. not

applicable

Vapour pressure: approx. 23.3 hPa

(20°C)

Information applies to the solvent.

Density: approx. 1.06 g/cm3

(20°C)

Vapour density: not applicable Partitioning coefficient n- not applicable

octanol/water (log Pow):

Thermal decomposition: carbon monoxide, carbon dioxide, nitrogen oxide, Hydrogen

chloride, hydrogen fluoride, Sulphur dioxide

Stable at ambient temperature. If product is heated above decomposition temperature toxic vapours may be released. If product is heated above decomposition temperature hazardous

fumes may be released.

Viscosity, dynamic: approx. 66 mPa.s Solubility in water: dispersible Molar mass: 437.15 g/mol Evaporation rate: not applicable

Other Information: The product has not been tested. The statement has been

derived from substances/products of a similar structure or composition., If necessary, information on other physical and

chemical parameters is indicated in this section.

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

The product is chemically stable.

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Hazardous polymerization will not occur. No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid prolonged storage. Avoid electro-static discharge. Avoid contamination. Avoid prolonged exposure to extreme heat. Avoid extreme temperatures.

Incompatible materials

strong oxidizing agents

Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated., Prolonged thermal loading can result in products of degradation being given off

Thermal decomposition:

Possible thermal decomposition products:

carbon monoxide, carbon dioxide, nitrogen oxide, Hydrogen chloride, hydrogen fluoride, Sulphur dioxide

Stable at ambient temperature. If product is heated above decomposition temperature toxic vapours may be released. If product is heated above decomposition temperature hazardous fumes may be released.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Slightly toxic after single ingestion. Slightly toxic after short-term skin contact. Slightly toxic after short-term inhalation.

Oral

Type of value: LD50

Species: rat

Value: 1,999 mg/kg

<u>Inhalation</u>

Type of value: LC50

Species: rat Value: > 1.7 mg/l Exposure time: 4 h

Highest concentration available for testing. No mortality was observed.

Type of value: LC50

Species: rat

Value: 6.8 mg/l (calculated)

Exposure time: 1 h

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Dermal

Type of value: LD50 Species: rat

Value: > 2,000 mg/kg No mortality was observed.

Assessment other acute effects

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation / corrosion

Assessment of irritating effects: May cause slight irritation to the skin. May cause moderate but temporary irritation to the eyes.

<u>Skin</u>

Species: rabbit

Result: Slightly irritating.

Eye

Species: rabbit

Result: Slightly irritating.

Sensitization

Assessment of sensitization: Skin sensitizing effects were not observed in animal studies.

modified Buehler test Species: guinea pig Result: Non-sensitizing.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Fipronil

Assessment of repeated dose toxicity: Causes mortality and signs of neurotoxicity through prolonged or repeated exposure.

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Genetic toxicity

Assessment of mutagenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.

Carcinogenicity

Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: fipronil

Assessment of carcinogenicity: In long-term studies in rats the substance induced thyroid tumors. In long-term studies in rodents exposed to high doses, a tumorigenic effect was found; however, these results are thought to be due to a rodent-specific liver effect that is not relevant to humans.

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Reproductive toxicity

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

Teratogenicity

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

Other Information

Misuse can be harmful to health.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known. CNS stimulation, tremors, convulsions

Medical conditions aggravated by overexposure

Individuals with pre-existing diseases of the respiratory system, skin or eyes may have increased susceptibility to excessive exposures.

12. Ecological Information

Toxicity

Aquatic toxicity
Assessment of aquatic toxicity:
Very toxic (acute effect) to aquatic organisms.

Toxicity to fish

Information on: Fipronil

LC50 (96 h) 0.0852 mg/l, Lepomis macrochirus

Aquatic invertebrates

Information on: Fipronil

EC50 (48 h) 0.19 mg/l, Daphnia magna EC50 (96 h) 0.00017 mg/l, Mysidopsis bahia

Aquatic plants

Information on: Fipronil

EC50 (72 h) 0.103 mg/l (growth rate), Scenedesmus subspicatus No observed effect concentration (14 d) > 0.16 mg/l, Lemna gibba

Chronic toxicity to fish

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Information on: Fipronil

No observed effect concentration (35 d) 0.0029 mg/l, Cyprinodon variegatus

Chronic toxicity to aquatic invertebrates

Information on: Fipronil

No observed effect concentration (28 d) 0.000008 mg/l, Mysidopsis bahia

Assessment of terrestrial toxicity

With high probability not acutely harmful to terrestrial organisms.

Other terrestrial non-mammals

Information on: fipronil

LD50 (48 d) 0,00593 ug/bee (contact), Apis mellifera LD50 (48 d) 0,00417 ug/bee (oral), Apis mellifera

Persistence and degradability

Assessment biodegradation and elimination (H2O)

Information on: Fipronil

Not readily biodegradable (by OECD criteria).

Bioaccumulative potential

Assessment bioaccumulation potential

The product has not been tested. The statement has been derived from the properties of the individual components.

Mobility in soil

Assessment transport between environmental compartments

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Fipronil

Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.

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Additional information

Other ecotoxicological advice:

The ecological data given are those of the active ingredient. Do not release untreated into natural waters.

13. Disposal considerations

Waste disposal of substance:

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Pesticide wastes are regulated. Improper disposal of excess pesticide, spray mix or rinsate is a violation of federal law. If pesticide wastes cannot be disposed of according to label instructions, contact the State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container disposal:

Rinse thoroughly at least three times (triple rinse) in accordance with EPA recommendations. Consult state or local disposal authorities for approved alternative procedures such as container recycling. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

RCRA:

This product is not regulated by RCRA.

14. Transport Information

Land transport

USDOT

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Hazard class: 9 Packing group: III

ID number: UN 3082 Hazard label: 9, EHSM Marine pollutant: YES

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S. (contains FIPRONIL)

Air transport

IATA/ICAO

Hazard class: 9
Packing group: III

ID number: UN 3082 Hazard label: 9, EHSM

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S. (contains FIPRONIL)

15. Regulatory Information

Federal Regulations

Registration status:

Crop Protection TSCA, US released / exempt

Chemical TSCA, US blocked / not listed

EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicable for this product.

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Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

BASF Risk Assessment, CA Prop. 65:

Based on an evaluation of the product's composition and the use(s), this product does not require a California Proposition 65 Warning.

NFPA Hazard codes:

Health: 2 Fire: 1 Reactivity: 1 Special:

Labeling requirements under FIFRA

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

CAUTION:

HARMFUL IF SWALLOWED.

HARMFUL IF ABSORBED THROUGH SKIN.

HARMFUL IF INHALED.

Causes eye irritation.

Do not get in eyes, on skin, or on clothing.

Do not breathe vapours/mists.

Wash thoroughly after handling.

16. Other Information

SDS Prepared by:

BASF NA Product Regulations SDS Prepared on: 2018/05/02

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY

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UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK. END OF DATA SHEET

	FIRST AID		
If on skin:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.		
If in eyes:	Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.		
If swallowed:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.		
Have the produc	t container or label with you when calling a poison control center or doctor or going for treatment		

Have the product container or label with you when calling a poison control center or doctor or going for treatme The Bayer Environmental Science Emergency Response Telephone No. is 1-800-334-7577.

Note To Physician: No specific antidote is available. Treat the patient symptomatically.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Wear long-sleeved shirt and long pants, socks, shoes, and gloves. Remove contaminated clothing and wash before reuse.

Detrore reuse.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to wildlife, fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters. Care should be used when spraying to avoid fish and reptile pets in/around ormental ponds. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops if bees are visiting the treatment area.

	PRO FACTS
	f action • Contact activity & systemic action • Quick knockdown & residual control Non-staining • No phytotoxicity on a wide range of ornamentals
Insecticide	 Temprid SC Insecticide is a suspension concentrate formulation of two insecticide active ingredients, imidacloprid and β-cyfluthrin. One gallon of this product contains 2 lbs of imidacloprid and 1 lb of β-cyfluthrin. Shake well before using.

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continued

	PRO FACTS (Cont)
Controls	Indoor or General Household Pests Outdoor/Perimeter Pests Wood-Infesting Pests For list of specific insects, see inside.
Where To Apply	Apply where pests have been seen or found, or can find shelter. In and around buildings and structures On established landscape ornamentals around residential and commercial properties
Dilution Rates	When 0.27 fl oz (8 milliliters) is diluted in one gal of water, the combined active ingredient concentration (0.075%) contains 0.05% inidacloprid and 0.025% β-cyfluthrin. When 0.54 fl oz (16 milliliters) is diluted in one gal of water, the combined active ingredient concentration (0.15%) contains 0.10% imidacloprid and 0.05% β-cyfluthrin.
Mixing Information	Mix the appropriate amount of Temprid SC Insecticide with water. Add product when filling spray tank with water; shake or agitate mixture. Diluted spray mixture can be stored overnight. Agitate before using.
How To Apply	General surface (outdoors only), spot treatment, and void injections by mist, foam or crack & crevice sprays. Foliar application to established landscape ornamentals.
Re-Apply	Every 7 to 10 days, if needed.
Re-Entry	Do not contact treated surfaces until dry. People and pets may re-enter after the treated area is dry.
Questions	For questions or comments, call toll-free 1-800-331-2867

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not formulate this product into other end-use products.

INDOOR PESTS

FOR RESIDUAL PEST CONTROL IN BUILDINGS, STRUCTURES, AND MODES OF TRANSPORT

Use Temprid SC Insecticide as a spot spray or crack and crevice treatments inside buildings and structures. This includes schools, factories, stores, warehouses, hospitals, food processing facilities (non food/feed areas), and modes of transport. For a list of common facilities where this product may be used, see Appendix.

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continued



TEMPRID™SC

Insecticide

Intended For Use by Pest Management Professionals and Commercial Use Only. In the state of New York this product may only be applied for indoor uses.

ACTIVE INGREDIENT:

Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-*N*-nitro-2-imidazolidinimine21.0%

β- Cyfluthrin, Cyano(4-fluoro-3phenoxyphenyl)methyl 3-(2,2dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate... 10.5% OTHER INGREDIENTS:68.5%

100.0%

EPA Reg. No. 432-1483 EPA Est. No. 432-TX-1

STOP - Read The Label Before Use. Keep out of reach of children.

CAUTION

Net Contents 400ml

79523475 79545789E 100401A BACKED by BAYER...

		INDOOR	PESTS (Cont)		
Ants Bed bugs Blue or Gree Bottle flies Boxelder bu Carpet beet Centipedes	bugs Clover mites Elm leaf beetles Hornets lady beetles Spiders or Green Cluster fly Firebrats House flies Phorid flies Wasps orbittle flies Cockroaches Flesh flies Leather beetles Pill bugs Grickets Flies Midges Sciarid flies bet beetles Darkling beetles Fruit flies Millipedes (fungus gnats)				Spiders Wasps
Where To Apply	Treat where pests I Use only as a spot Treat entry points s Treat areas where behind or under ret Mist or foam appli foundations, into bl soil in crawlspaces Spot treat floor or r floor area.	spray or crack and uch as around wate pests normally feed rigerators, cabinets cations can be ma ock voids or structu , and other similar v	crevice or void trea er pipes, doors, win or hide such as ba , sinks, and stoves. de behind veneers, ral voids, wall voids roids.	tments inside building dows, and eaves. iseboards, corners, ar piers, and chimney s, under slabs, stoops,	ound water pipes, bases, into rubble porches, or to the
Use Rate	0.075% 0.27 fl oz (8 milliliters) per gallon of water 0.15% 0.54 fl oz (16 milliliters) per gallon of water Use high rate for severe infestations, faster knockdown, and longer residual.				
How To Apply (also see Application For Indoor Pests)	Permove or tightly cover fish tanks and disconnect aerators during application. Reep people and pets away from sites of application until treated surfaces are completely dry. Do not contact treated surfaces until dry. When treating overhead areas, wear safety glasses, goggles, or face shield and a dust/mist respirator.				

Apply (Cont)	the dilution with manufacturer's specified volume of foaming agent.
When To Apply	When pests are seen or found Re-apply every 7 to 10 days if needed.
Restrictions	 Do not apply in food/feed areas of food and feed handling establishments. Do not apply broadcast treatments to floors or floor coverings. Do not apply in hospital and/or nursing home rooms while they are occupied. Do not apply in classrooms while they are occupied. Do not apply as a space spray. Do not allow excessive dripping or run-off to occur from vertical or overhead surfaces. Do not apply where electrical short circuits can occur; use a dust or dry bait in these areas. Do not apply to furniture or upholstery where prolonged contact with humans will occur. Do not spray bed linens or other materials which come in direct contact with occupants of the bed. Do not apply more than 5 gallons of diluted product indoors per individual applicator per day.
	APPLICATION FOR INDOOR PESTS
Crawling Inse Cockroaches, Crickets, Silverfish, Spiders, and other listed pe	Treat entry points such as around water pipes, doors, windows, and eaves. Treat areas where pests normally feed or hide such as baseboards, corners, around water pipes, under refrigerators, cabinets, sinks, and stoves, being sure to spray cracks & crevices. Spot treat floor or rugs beneath furniture, in closets, and storage areas, but do not apply to entire floor area.
Bed bugs	Use Rate: 0.075% - 0.27 fl oz (8 milliliters) of Temprid SC per gal of water. Controls bed bug populations that are resistant to pyrethroid insecticides. Spray bugs and eggs directly wherever possible following site directions below. For infested mattresses, remove linens and wash before reuse. Apply to tufts, seams, folds, and edges until moist. Allow to dry before remaking bed. Apply to bedsprings, box springs, and the interior of bed frames or headboards, including all cracks and joints. When bed bugs are found in upholstered furniture, apply only to the infested tufts, seams, folds and edges, but do not apply to flat surfaces where prolonged human contact will occur. If bugs heavily infest furniture (inside cushions and/or batting) apply a labeled insecticide dust or consider fumigation. Apply as a crack and crevice treatment to all baseboards, moldings, beneath floor coverings and carpets, closets, shelves, curtains, furniture and picture frames that may provide harborage to bed bugs. Re-apply every 7 to 10 days, as needed, until infestation is eliminated.

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Foam: Use appropriate foam generating equipment to supply a sufficient volume of foam. Mix the dilution with manufacturer's specified volume of foaming agent.

(continued)

How To Apply (Cont)

(continued)

4

	APPLICATION FOR INDOOR PESTS (Cont)
Ants	Apply to ant trails on walls, tile, baseboards, around pipes, under cabinets, and other places where ants are active. Treat entry points such as windows, doors or sites where utilities enter the structure; also see directions for use in Outdoor/Perimeter Pests section. Treat nests when possible.
Listed Flying Insects	Apply to surfaces where pests collect or rest.

Ants Cockroaches Fire ants Ground beetles Moths Multicolored Asian lady beetle Springtalis Bottle flies Cluster flies Clover mites Fleas Homets Multicolored Asian lady beetle Springtalis Stable flies Corickets Flesh flies Midges Scorpions Ticks Carpenter ants Earwigs Flies Millipedes Silverfish Wasps Certipedes Elm leaf beetle Gnats Mosquitoes Sow bugs Yellow jackets Where To Apply to surfaces on buildings, porches, patios and other structures, around doors and windows, eaves and attic vents, utility entry points, soffit areas and other exterior openings (including foundation cracks or drilled holes) where these pests enter the structure or where they have been seen or found, or can find shelter. • To prevent infestation, treat the outside of the structure, to include walls (to a height of 2 to 3 feet), around doors, windows, and soffits where pests are active or may enter or hide. Treat the soil, turf or other ground covering adjacent to the structure (in a band up to 10 feet wide) where pests are seen, have been found, or can find shelter. • In ant management programs, apply to flower, shrub or ornamental plant beds where ants may find food or forage.		
Blue or Green Bottle flies Bottle flies Bottle flies Boxelder bugs Carpenter ants Centipedes Where To Apply Appl		
Apply windows, eaves and attic vents, utility entry points, soffit areas and other exterior openings (including foundation cracks or drilled holes) where these pests enter the structure or where they have been seen or found, or can find shelter. • To prevent infestation, treat the outside of the structure, to include walls (to a height of 2 to 3 feet), around doors, windows, and soffits where pests are active or may enter or hide. Treat the soil, turf or other ground covering adjacent to the structure (in a band up to 10 feet wide) where pests are seen, have been found, or can find shelter. • In ant management programs, apply to flower, shrub or ornamental plant beds where ants may		
Use Rate • 0.075% 0.27 fl oz (8 milliliters) per gal of water • 0.15% 0.54 fl oz (16 milliliters) per gal of water • Always use the 0.15% rate for fire ants, hornets, wasps and yellow jackets.		
Apply enough dilution to adequately cover the area without excessive dripping or run-off. Volume can vary depending on the surface type treated. For example, mulch requires more spray than bare soil. For high volume applications, Temprid SC Insecticide may be diluted at lower concentrations and applied in greater volumes of water. When treating overhead areas, wear safety glasses, goggles, or face shield and a dust/mist respirator. Do not contact treated surfaces until dry.		

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	APPLICATION FOR OUTDOOR/PERIMETER PESTS
Ants	Locate and treat ant nests, if possible. Follow trails of foraging workers, check under objects near the structure, and inspect other likely nest sites. If ants are nesting in the soil, thoroughly drench or inject the nest and surrounding soil. Treat ant trails around windows and doors, along sidewalks, or other areas where seen. Apply a perimeter treatment as described above. Temprid SC Insecticide contains a systemic insecticide (mindacloprid), so foliar application to landscape ornamentals provide locally systemic control of aphids, scale insects, and other plant-sucking insects and limit the production of honeydew (an important food source for ant populations). Apply a very light mist of the dilute spray, and do not allow excess run-off. Treat thoroughly for good coverage including the underside of leaves as these pests often feed or rest there. Aerial Nests: if ant nests are located in tree hollows or non-structural wooden construction (e.g.; posts, fences, decks) treat the interior cavity and/or the nest site by injecting a spray, mist, or sufficient volume of foam. It is recommended to remove or prune away any shrubbery, bushes, and tree branches touching the structure. Vegetation touching the structure may offer a route of entry for ants into the structure. This may allow ants to inhabit the structure without coming in contact with the treatment.
Hornets, wasps, and yellow jackets	<u>Use Rate:</u> 0.15% 0.54 fl oz (16 milliliters) of Temprid SC Insecticide per gal of water. Make pin stream applications directly to the nests. To help avoid stings treat nests in the evening when the insects are inside the nest. Remove and destroy treated nests to prevent emergence of newly hatched insects. If removal is not possible, retreat nests if necessary.

ornamental license - check with your local regulator.

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Apply directly to insects that have congregated around doors and windows and similar areas where they may enter structures. Apply perimeter treatment as described above. For best results, treat infested trees and shrubs early in the season. Tree spraying may require

Apply perimeter treatment to reduce the number of insects from entering the structure. Thoroughly treat mulched areas.

Correcting moisture problems around the structure will reduce pest pressure.

OUTDOOR/PERIMETER PESTS (Cont)

APPLICATION FOR OUTDOOR/PERIMETER PESTS

When pests are seen or found
 Re-apply every 7 to 10 days if needed.

When To Apply

Occasional invaders
Boxelder bugs, elm leaf beetle, and other listed pests

Centipedes, millipedes, pill bugs, sow bugs, springtails, etc.

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Α	PPLICATION FOR OUTDOOR/PERIMETER PESTS (Cont)
Fire Ants	Use Rate: 0.15% 0.54 fl oz (16 milliliters) of Temprid SC Insecticide per gal of water. Thoroughly drench or inject the entire mound. When using injection treatment, you must treat the bottom of the mound. Apply dilution or foam using a downward and upward motion of the injector tool. For complete distribution, inject in several points throughout the mound. Treat new mounds as they appear. • Do not use in pastures or areas of food crop production.
Fleas & ticks (Including ticks that may transmit Lyme Disease and Rocky Mountain Spotted fever)	For ticks, treat likely harborage areas like along paths, tall grass and other vegetation. For fleas, concentrate treatments in areas where pets are known to rest, as these areas are larval breeding hot spots. Treat the entire area where these pests could be present. Fleas and ticks may be reintroduced from surrounding areas by host animals.
House flies and Cluster flies	Apply low-volume mist or spray to outside surfaces of buildings, porches, patios, garages, fences, and other areas where house flies rest. Cluster flies: Treat in late summer or fall, just before cluster flies begin looking for winter shelter. Spray siding, eaves, around windows and doors, window screens, and attics. To help reduce infestations, treat cracks and crevices, attics and other indoor winter hiding places.
Mosquitoes	Treat with spray or mist around landscape plants, turf and ground cover, under decks, around building foundations and other places where mosquitoes may rest.
Scorpions	Treat around piles of firewood and other areas where scorpions may hide. When possible, remove piles of materials that can harbor the pests. Apply a perimeter treatment. Do not treat firewood with this product.

TII	Tirewood with this product.		
WOOD-INFESTING PESTS			
Drywood termites Beetles - Lyctid or powder pos - Anobiid or deathwate		Beetles (con't) - Ambrosia beetles - Bark beetles	Carpenter ants Carpenter bees
Where To Apply	For treatment of wood infest Apply where pests have been		
Use Rate	• 0.075% 0.27 fl oz (8 mil	lliliters) of Temprid SC Insection	cide per gal of water.
How To Apply (also see Application section)	Apply spray or foam as described in application section. Treatment dilutions may also be applied to wood surfaces by paint brush or rollers. Do not contact treated surfaces until dry.		
	•		(continued

	WOOD-INFESTING PESTS (Cont)
When To Apply	When pests are seen or found. Re-apply every 7 to 10 days if needed.
Foam Applications	Mix end-use dilution with manufacturer's specified volume of foaming agent.

APPLICATION FOR WOOD-INFESTING PESTS

Drvwood termites & wood-infesting beetles

APPLICATION FOR WOOD-INFESTING PESTS

Galleries and structure voids: Treat by applying sprays, mists, or foams. Locate galleries by using visual signs (trass or pellets, blistered wood, emergence or clean out holes), the presence of live insects, mechanical sounding techniques, or listening devices (e.g., stethoscopes, acoustic emission detectors). Penetrate the gallery system by drilling holes to receive the injector tip or treatment tool. Distribute drill holes to adequately cover the gallery system. Apply as a low pressure spray (do not exceed 50 psi at nozzle tip) or by misting or, where appropriate, by foaming, it is not necessary to treat to the point where runoff is detected from adjacent holes.

Avoid defilies where alectrical writing plumbing lines etc. are lecated.

detected from adjacent noies.

Avoid drilling where electrical wiring, plumbing lines, etc. are located.

Do not apply where electrical shock hazards exist.

Drill holes in commonly occupied areas must be sealed after treatment.

Wood_surfaces: Treat by spray or mist or, where appropriate, foam applications. For inaccessible surfaces, drill and treat the interior of structural voids. Surfaces treated may inaccessible surfaces, drill and treat the interior of structural voids. Surfaces treated may include exposed wooden surfaces in crawlspaces, basements, or attics, wooden exterior surfaces such as decks, fencing, or siding, structural voids, channels in damaged wood, in spaces between wooden members of a structure, and junctions between wood and foundations. Apply by brushing or as a coarse, low pressure spray (do not exceed 50 psi at nozzle tip) to the wood surface; apply sufficient volume to cover the surface to the point of wetness, but avoid applying to the point of runoff.

When spraying wood surfaces overhead in living areas, cover surfaces below the treated area with electic protections or similar protection. Do not content treated vurfaces until expravalence in the content treated vurfaces until expravalence in the content treated.

with plastic sheeting or similar material. Do not contact treated surfaces until spray deposits

Carpenter ants

<u>Homes and other structures</u>: Apply around doors and windows and other places where carpenter ants may enter. Spray or foam into cracks & crevices, or spray, mist or foam through small drilled holes into voids where ants or nests are present. Use enough spray or foam to

cover the area. Inside trees into votus where aris or nests are present. Use enough spray or loan to cover the area. Inside trees, utility poles, fencing and decking materials and similar structural members, drill to find the interior infested cavity and inject spray, mist or foam using a treatment tool with a splashback guard.

Spreambers guidar. Intunelling in soil: Apply as a soil drench or inject the dilution or foam in the soil at intervals of 8 to 12 inches. Use 1 gal of dilution per 8 sq ft. Treat along the edge of walls, driveways or other hard surfaces where ants are tunneling beneath the surface.

(continued)

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APPLICATION FOR WOOD-INFESTING PESTS (Cont)	
	Protecting firewood from carpenter ants: Treat soil beneath firewood before stacking at 1 gal of dilution per 8 sq ft. • Do not treat firewood with this product. It is recommended to remove or prune away any shrubbery, bushes, and tree branches touching the structure. Vegetation touching the structure may offer a route of entry for ants into the structure. This may allow ants to inhabit the structure without coming in contact with the treatment.
Carpenter bees	In or on structures: Apply as a spray or mist, or sufficient volume of foam, directly into gallery entrance holes. Leave entrance open to be sure that returning adult bees are killed. When there is no longer any insect activity, the entrance hole may be sealed with a suitable sealant. Exterior wood surfaces may be treated by general surface application to prevent nest cavity excavation by adult carpenter bees.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE

Mix as needed. Store in original container in a secured dry storage area. Avoid extremes in temperatures. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled, on floor or paved surfaces, absorb on sawdust or other commercially available absorbing material, sweep up and remove to chemical waste area for your disposal. Concentrate is stable at normal storage temperatures.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for In seconds after the flow begins to drip. Repeat this procedure two more times. If recycling is not available, puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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APPENDIX

Use Temprid SC Insecticide as a general surface (outdoors only), spot, mist, or crack and crevice treatment. Permitted areas of use include the following buildings, structures, and modes of transport:

- apartment buildings granaries greenhouses (structures only)
 hospitals hakeries
- bottling facilities breweries hotels
- busescafeterias housesindustrial buildings
- candy plantscereal processing and kitchens laboratories · livestock housing manufacturing plants
- correctional facilities pet kennels
 manufacturing establishments dairies and dairy product mausoleums
- processing plants

 frozen food plants meat and produce canneries grain mills nursing homes
- pickle factories
- poultry housesprocessing and packing plants
- restaurants
- schoolsspice plants
- stores
- warehouses
- · wineries and similar structures
- transportation vessels such as buses, trucks, trailers, rail cars, and marine vessels

IMPORTANT: READ BEFORE USE
Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

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