SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name: TERMIDOR® SC TERMITICIDE/INSECTICIDE
Chemical Name: FIPRONIL: 5-amino-1-(2,6-dichloro-4-(trifluoromethyl) phenyl)-4-((1,R,S)-(trifluoromethyl)sulfinyl)-1-H-pyrazole-3 -carbonitrile
Synonym: 
MSDS Number: 214
Chemical Family: 
Chemical Formulation: C12H4Cl2F6N4OS
EPA Registration No.: 432-901
Canadian Registrat. No.: 

Bayer Environmental Science
95 Chestnut Ridge Road
Montvale, NJ  07645
USA

For Product Use Information: (800)331-2867 Monday through Friday(CRLF) 8:00AM-4:30PM(CRLF) For Medical Emergency contact DART: (800) 334-7577  24 Hours/Day(CRLF)
For Transportation Emergency CHEMTREC: (800) 424-9300  24 Hours/Day

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS No.</th>
<th>Concentration % by Weight Minimum</th>
<th>Concentration % by Weight Maximum</th>
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<tr>
<td>FIPRONIL</td>
<td>120068-37-3</td>
<td>9.1000</td>
<td>90.9000</td>
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<tr>
<td>Inert ingredients</td>
<td></td>
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</tbody>
</table>
SECTION 3. HAZARDS IDENTIFICATION

NOTE: Please refer to Section 11 for detailed toxicological information.

Emergency Overview
Caution. Keep out of the reach of children. Hazard to humans and domestic animals. Harmful if swallowed, inhaled or absorbed through the skin. Causes eye irritation. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. This pesticide is toxic to birds, fish and aquatic invertebrates.

Physical State
liquid viscous

Odor
odorless

Appearance
light brown

Immediate Effects

Eye
Causes eye irritation. May cause redness, tearing. Do not get in eyes.

Skin
Harmful if absorbed through the skin. Do not get on skin or clothing. May produce symptoms similar to those from ingestion. May cause irritation, redness, swelling.

Ingestion
Harmful if ingested. May cause shortness of breath, drowsiness, involuntary shaking, muscle weakness, convulsions.

Inhalation
Harmful if inhaled. Avoid breathing spray mist. May produce symptoms similar to those from ingestion. May cause shortness of breath, excitement, involuntary shaking, irritability.

Chronic or Delayed Long-Term
This product does not contain any ingredients designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

Medical Conditions Aggravated by Exposure
Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis.

SECTION 4. FIRST AID MEASURES

Eye
Hold eye open and rinse slowly and gently with water for 15-20 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.

Skin
Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Ingestion
Immediately call a poison control center or doctor for treatment advice. Have a 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 by mouth to an unconscious person.
Inhalation
Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Note to Physician
Have the product container or label with you when calling a poison control center or doctor or going for treatment.

There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.

In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and in extreme cases, possibly convulsions, may occur.

TREATMENT FOR FIPRONIL OVERDOSE:
Recommendations for treatment are based on anticonvulsant therapy as routinely administered to humans. Phenobarbital or diazepam may be useful in controlling convulsions induced by Fipronil.

Even when symptoms of Fipronil intoxication are rapidly reversed by treatment, the treatment must be continued for several days, gradually decreasing the dose of anticonvulsant based on the patient’s clinical response. This is necessary due to the slow elimination of the compound.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point
> 93 °C / > 199 °F
Method: Closed Cup
Flammability Class: WILL BURN.

Lower Flammable Limit
Data

Upper Flammable Limit
No Data.

Fire and Explosion Hazards
Containers may explode (due to the build-up of pressure) when exposed to extreme heat.

Suitable Extinguishing Media
foam, water spray, carbon dioxide (CO2), dry chemical

Fire Fighting Instructions
Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Keep unnecessary people away, isolate hazard area and deny entry. Evacuate residents who are downwind of fire. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later. Persons who may have been exposed to contaminated smoke should be immediately examined by a physician and checked for symptoms of poisoning. The symptoms should not be mistaken for heat exhaustion or smoke inhalation.
SECTION 6. ACCIDENTAL RELEASE MEASURES

General and Disposal
Wear appropriate gear for the situation. See Personal Protection information in Section 8.

Land Spill or Leaks
Containment of Spill: Stop leak if it can be done without risk.

In case of minor spills or leaks, soak up with sand, earth or other suitable material and dispose of wastes and broken or empty containers in a landfill approved for pesticide use.

SECTION 7. HANDLING AND STORAGE

Handling Procedures
Do not breathe vapor or spray mist. Do not get in eyes, on skin, or on clothing. Do not ingest.

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

Store in original container. Keep out of reach of children and domestic animals. Keep away from direct sunlight. Store in cool place. Store in an area that is away from ignition sources. Store in an area away from food, feedstuffs, fertilizers, seed and water sources. Store in tightly closed containers.

Work/Hygienic Procedures
Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove contaminated clothing. Then wash body thoroughly with soap and water and put on clean clothing. Wash clothing with detergent and hot water before reusing.

Remove Personal Protective Equipment (PPE) immediately after handling this product. Wash the outside of gloves before removing. Wash PPE before reusing.

Min/Max Storage Temperatures
Not available
SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls
Where engineering controls are indicated by use conditions of a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: local exhaust ventilation at the point of generation.

Eye/Face Protection
All pesticide handlers must wear protective eyewear (goggles, a faceshield, or safety glasses with front, brow, and temple protection) when working in a non-ventilated space, including but not limited to crawl-spaces and basements or when applying termiticide by rodding or sub-slab injection.

Body Protection
Applicators and other handlers must wear: Long-sleeved shirt and long pants shoes plus socks chemical-resistant gloves

Respiratory Protection
All pesticide handlers must wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, R, P, or HE filter when working in a non-ventilated space, including but not limited to crawl-spaces and basements.

Under conditions immediately dangerous to life or health, or emergency conditions with unknown concentrations, use a full-face positive pressure air-supplied respirator equipped with an emergency escape air supply unit or use a self-contained breathing apparatus unit.

General Protection
These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13: Disposal Considerations.

Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

Exposure Limits
None Established

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
light brown

Physical State
liquid viscous

Odor
odorless
pH 7.2 at 1 wt/wt%

Vapor Pressure Not available

Vapor Density (air = 1) Not available

Specific Gravity 1.24 at 25 °C

Boiling Point Not available

Melting/Freezing Point Not available

Solubility (in water) dispersible

Viscosity 300 to 400 cps
24 °C

Other Information Physical and Chemical properties here represent typical properties of this product.

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability This material is stable under normal handling and storage conditions described in Section 7.

Conditions to Avoid direct sunlight extreme heat spark open flame

Incompatibility strong bases strong acids strong oxidizing agents

Hazardous Products of Decomposition Decomposition Type: thermal hydrogen fluoride oxides of nitrogen oxides of sulfur carbon oxides hydrochloric acid
Material Safety Data Sheet

TERMIDOR® SC TERMITICIDE/INSECTICIDE

Hazardous Polymerization Will Not Occur.
(Conditions to avoid)

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity Rat: LD50: > 1,999 mg/kg
Acute Dermal Toxicity Rabbit: LD50: > 2,000 mg/kg
Acute Inhalation Toxicity Rat: LC50: > 1.7 mg/l 4 h

Acute Respiratory Irritation:
No data found for product

Skin Irritation Rabbit: Slightly irritating

Eye Irritation Rabbit: Mildly irritating.

Sensitization Guinea pig: Non-sensitizing

Assessment Carcinogenicity
ACGIH None
NTP None
IARC None
OSHA None

SECTION 12. ECOLOGICAL INFORMATION

Acute and Prolonged Toxicity to Fish Data for a similar product.
Bluegill sunfish
LC50: 85 ug/l
Exposure Time: 96 h
Mean concentration. Flow through.

Data for a similar product.
Rainbow trout
LC50: 248 ug/l
Exposure Time: 96 h
Mean concentration. Flow through.

Acute Toxicity to Aquatic Invertebrates Data for a similar product.
Daphnia
EC50: 190 ug/l
Material Safety Data Sheet

TERMIDOR® SC TERMITICIDE/INSECTICIDE

Exposure Limit: 48 h
Mean concentration. Flow through.

Toxicity Other Non Mammal Terr. Species
Data for a similar product.
Mallard duck
LC50: > 5,000 mg/kg
Exposure Time: 8 d
Dietary concentrations. Mean concentration.

Data for a similar product.
Bobwhite quail
LC50: 48 mg/kg
Exposure Time: 8 d
Dietary concentrations. Mean concentration.

Environmental Precautions
This pesticide is toxic to birds, 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. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Care must be taken to avoid runoff. Do not contaminate water by cleaning equipment or disposal of waste. Do not contaminate water when disposing of equipment washwaters.

Environmental Fate
For chemical fate data call the product information phone number listed in Section 1.

SECTION 13. DISPOSAL CONSIDERATIONS

General Disposal Guidance
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinseate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

Container Disposal
Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

EPA HAZARDOUS WASTE - NO

RCRA Classification
Not Regulated under this Statute
SECTION 14. TRANSPORT INFORMATION

Proper Shipping Name: Not regulated for transportation.

SECTION 15. REGULATORY INFORMATION

US Federal
EPA Registration No. 432-901
TSCA list
None
TSCA 12b export notification
None
SARA Title III - section 302 - notification and information
None
SARA Title III - section 313 - toxic chemical release reporting
None

US States Regulatory
CA Prop65
This product does not contain any substances known to the State of California to cause cancer.
This product does not contain any substances known to the State of California to cause reproductive harm.

US State right-to-know ingredients
None

Canadian Regulations
Canadian Registrat. No.
Canadian Domestic Substance List
None

Environmental
CERCLA
None
Clean Water Section 307 Priority Pollutants
None
Safe Drinking Water Act Maximum Contaminant Levels
None

International Regulations
EU Classification
None
European Inventory of Existing Commercial Substances (EINECS)
None
<table>
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<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Others</th>
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<tr>
<td>HMIS</td>
<td>2</td>
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<tr>
<td>NFPA</td>
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REVISED SECTIONS:
MSDS REVISED INDICATOR: Company name change.

Print Date: 01/30/2003
Supersedes MSDS, which is older than: 01/30/2003

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