



## MAXFORCE® Carpenter Ant Bait Gel

MSDS Version 1.4

### SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

<b>Product Name</b>	MAXFORCE® Carpenter Ant Bait Gel
<b>Chemical Name</b>	Fipronil
<b>Synonym</b>	
<b>MSDS Number</b>	1770
<b>Chemical Family</b>	
<b>Chemical Formulation</b>	
<b>EPA Registration No.</b>	432-1264
<b>Canadian Registrat. No.</b>	

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

	<u>Component Name</u>	<u>CAS No.</u>	<u>Concentration % by Weight</u>	
			<u>Minimum</u>	<u>Maximum</u>
	FIPRONIL	120068-37-3	0.0010	
	Other ingredients			99.9990

### SECTION 3. HAZARDS IDENTIFICATION

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

<b><u>Emergency Overview</u></b>	Caution! May be harmful if swallowed. Avoid contact with skin or clothing. Keep exposed gel away from open food and food contact surfaces.
<b>Physical State</b>	Gel
<b>Odor</b>	Sweet
<b>Appearance</b>	Translucent
<b>Immediate Effects</b>	Yellow
<b>Skin</b>	Avoid contact with skin or clothing. Minimally irritating to skin following prolonged

# Material Safety Data Sheet

MSDS Number: 000000001770

## MAXFORCE<sup>®</sup> Carpenter Ant Bait Gel

MSDS Version 1.4

direct contact. Not acutely toxic upon dermal exposure. Wash hands thoroughly with soap and water after handling.

### Ingestion

May be harmful if swallowed. Not acutely toxic upon oral exposure.

### Medical Conditions Aggravated by Exposure

No known health conditions are aggravated by exposure to this product.

## SECTION 4. FIRST AID MEASURES

### Eye

Rinse with plenty of water. Seek medical attention.

### Skin

Rinse with plenty of water. Seek medical attention.

### Ingestion

If swallowed, drink two glasses of water and induce vomiting by touching the back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

### Note to Physician

There is no specific antidote.

#### TREATMENT FOR FIPRONIL OVEREXPOSURE:

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

94 °C / 201 °F  
Method: Tagliabue Closed Cup

### Explosiveness

Not flammable or explosive.

### Fire and Explosion Hazards

Under fire conditions, toxic, corrosive fumes are emitted.

### Suitable Extinguishing Media

Water, Foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical

# Material Safety Data Sheet

## MAXFORCE® Carpenter Ant Bait Gel

MSDS Number: 000000001770

MSDS Version 1.4

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### General and Disposal

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

Non-hazardous waste. Place in a container for disposal. Dispose in accordance with all local, state/provincial and federal regulations.

#### Land Spill or Leaks

If spilled on the ground, the affected area should be scraped clean and placed in an appropriate container for disposal. Decontaminate tools and equipment following cleanup.

### SECTION 7. HANDLING AND STORAGE

#### Handling Procedures

Keep out of the reach of children.

Avoid contact with skin, eyes and clothing. Do not take internally.

#### Storing Procedures

Do not contaminate water, food, or feed by storage or disposal. Store unused boxes out of reach of children and animals. Store away from heat or sunlight.

#### Work/Hygienic Procedures

Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.

Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Remove and wash contaminated clothing before re-use. Then wash body thoroughly with soap and water and put on clean clothing.

Wash clothing with detergent and hot water before reusing. Contaminated clothing should not be taken home or laundered with other clothing.

#### Min/Max Storage Temperatures

Do not transport or store above 38 °C

# Material Safety Data Sheet

## MAXFORCE® Carpenter Ant Bait Gel

MSDS Number: 000000001770

MSDS Version 1.4

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Controls</b>	Use general ventilation to minimize exposure.
<b>Hand Protection</b>	Chemical-resistant gloves made of waterproof material such as neoprene, butyl rubber, barrier laminate or nitrile rubber.
<b>Body Protection</b>	Applicators and other handlers must wear:  Long-sleeved shirt and long pants  Shoes plus socks  Consideration must be given both to durability as well as permeation resistance.
<b>General Protection</b>	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.
<b>Exposure Limits</b>	None Established

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Translucent
<b>Physical State</b>	Yellow Gel
<b>Odor</b>	Sweet
<b>pH</b>	Not applicable
<b>Specific Gravity</b>	1.27

# Material Safety Data Sheet

## MAXFORCE® Carpenter Ant Bait Gel

MSDS Number: 000000001770

MSDS Version 1.4

Melting/Freezing Point 60 °C

### SECTION 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	This material is stable under normal handling and storage conditions described in Section 7.
<b>Conditions to Avoid</b>	Product will stain porous surfaces.  Direct sunlight Extreme heat
<b>Incompatibility</b>	Strong bases Strong acids Strong oxidizing agents
<b>Hazardous Products of Decomposition</b>	Decomposition Type: thermal Hydrogen fluoride Oxides of nitrogen Oxides of sulfur Carbon oxides Hydrochloric acid
<b>Hazardous Polymerization (Conditions to avoid)</b>	Will not occur.

### SECTION 11. TOXICOLOGICAL INFORMATION

<b>Acute Oral Toxicity</b>	Data for 0.25% Formulation of Fipronil Rat: LD50: > 5,000 mg/kg
<b>Acute Dermal Toxicity</b>	Data for 0.25% Formulation of Fipronil LD50: > 2,000 mg/kg
<b>Acute Inhalation Toxicity</b>	Data for 0.25% Formulation of Fipronil Rat: LC50: > 2.9 mg/l
<b>Skin Irritation</b>	Data for 0.25% Formulation of Fipronil Rabbit: Slightly irritating
<b>Eye Irritation</b>	Data for 0.25% Formulation of Fipronil Rabbit: Non-irritating.
<b>Sensitization</b>	Data for 0.25% Formulation of Fipronil Guinea pig: Non-sensitizing
<b>Assessment Carcinogenicity ACGIH</b>	

# Material Safety Data Sheet

MSDS Number: 000000001770

## MAXFORCE® Carpenter Ant Bait Gel

MSDS Version 1.4

None  
**NTP**  
None  
**IARC**  
None  
**OSHA**  
None

### SECTION 12. ECOLOGICAL INFORMATION

<b>Acute and Prolonged Toxicity to Fish</b>	<p>The following data is based on the technical grade active ingredient(s) (TGAI). Rainbow trout LC50: 248 ug/l Exposure Time: 96 h Mean concentration. Flow through.</p> <p>The following data is based on the technical grade active ingredient(s) (TGAI). Bluegill sunfish LC50: 85 ug/l Exposure Time: 96 h Mean concentration. Flow through.</p>
<b>Acute Toxicity to Aquatic Invertebrates</b>	<p>The following data is based on the technical grade active ingredient(s) (TGAI). Daphnia EC50: 248 ug/l Exposure Limit: 48 h Mean concentration. Flow through.</p>
<b>Toxicity Other Non Mammal Terr. Species</b>	<p>The following data is based on the technical grade active ingredient(s) (TGAI). Mallard duck LC50: &gt; 5,000 mg/kg Exposure Time: 8 d Dietary concentrations. Mean concentration.</p> <p>The following data is based on the technical grade active ingredient(s) (TGAI). Bobwhite quail LC50: 48 mg/kg Exposure Time: 8 d Dietary concentrations. Mean concentration.</p>
<b>Environmental Precautions</b>	<p>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. 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.</p>

# Material Safety Data Sheet

MSDS Number: 00000001770

## MAXFORCE® Carpenter Ant Bait Gel

MSDS Version 1.4

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

### SECTION 13. DISPOSAL CONSIDERATIONS

**General Disposal Guidance** Dispose in accordance with all local, state/provincial and federal regulations.

**Container Disposal** Wrap container in several layers of newspaper and discard in trash.

**RCRA Classification** Not Regulated under this Statute

### SECTION 14. TRANSPORT INFORMATION

DOT CLASSIFICATION:  
NOT REGULATED FOR TRANSPORTATION

FREIGHT CLASSIFICATION:  
INSECTICIDES OR FUNGICIDES, N.O.I., OTHER THAN POISON

### SECTION 15. REGULATORY INFORMATION

#### US Federal Regulations

**EPA Registration No.** 432-1264

**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 Reporting

**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.**

# Material Safety Data Sheet

MSDS Number: 000000001770

## MAXFORCE® Carpenter Ant Bait Gel

MSDS Version 1.4

### 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

## SECTION 16. OTHER INFORMATION

	Health	Flammability	Reactivity	Others
NFPA	1	2	0	

MSDS REVISION INDICATOR: Add NFPA codes to Section 16.

Print Date: 09/03/2003

Supersedes MSDS, which is older than: 09/03/2003

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