



MSDS Number: 00000002065

## MAXFORCE® FC SELECT Professional Insect Control® Roach Killer Bait Gel (Reservoir)

MSDS Version 1.0

### SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product Name** MAXFORCE® FC SELECT Professional Insect Control® Roach Killer Bait Gel (Reservoir)

**Chemical Name**

**Common Name**

**MSDS Number** 2065

**Chemical Family**

**Chemical Formulation**

**EPA Registration No.** 432-1259

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

For MEDICAL, TRANSPORTATION or Other EMERGENCY call 1-800-334-7577 24 hours/day  
For Product Information call 1-800-331-2867

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Component Name</u>	<u>CAS No.</u>	<u>Concentration % by Weight</u>	
		<u>Minimum</u>	<u>Maximum</u>
FIPRONIL	120068-37-3	0.0100	

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### SECTION 3. HAZARDS IDENTIFICATION

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

#### **Emergency Overview**

Caution! Keep exposed gel away from open food and food contact surfaces. Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling.

Do not use this product in or on electrical equipment where a possibility of shock hazard exists.

#### **Odor**

Sweet

#### **Appearance**

Dark brown

#### **Immediate Effects**

##### **Eye**

Avoid contact with eyes. Moderately irritating to the eyes following prolonged direct contact.

##### **Skin**

Harmful if absorbed through skin. Moderately irritating to skin following prolonged direct contact. Not acutely toxic upon dermal exposure. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling.

##### **Ingestion**

Not acutely toxic upon oral exposure.

#### **Medical Conditions**

#### **Aggravated by Exposure**

No specific medical conditions are known which may be aggravated by exposure to this product.

### SECTION 4. FIRST AID MEASURES

#### **Eye**

Flush eyes with plenty of water. Call a physician if irritation persists.

#### **Skin**

Wash with plenty of soap and water. Get medical attention immediately if irritation persists.

#### **Ingestion**

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

#### **Notes to physician**

##### **Signs and Symptoms**

Effects resulting from over-exposure are not anticipated to occur from use of the bait gel. In severe cases of overexposure to fipronil itself (the active ingredient) by oral ingestion, lethargy, muscle tremors, and in extreme cases, possibly convulsions may occur.

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**Treatment** There is no specific antidote.

### 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** Not flammable or explosive

**Fire and Explosion Hazards** Under fire conditions, toxic, corrosive fumes may be emitted due to the presence of the active ingredient, fipronil.

**Suitable Extinguishing Media** Dry chemical, Foam, Water, Carbon dioxide (CO2)

## 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** 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 exposed gel away from open food and food contact surfaces. Do not treat food preparation surfaces. Do not ingest.

**Storing Procedures** Store in a cool, dry area. Keep out of reach of children and domestic animals. Keep away from direct sunlight. Avoid excess heat.

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

Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Wash skin promptly to remove accidental contact with the active ingredient,

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fipronil.

Avoid contact with skin and clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and launder before re-wearing. Wash clothing with detergent and hot water before reusing. Contaminated clothing should not be taken home or laundered with other clothing.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls** Use general ventilation to minimize exposure.

**Body Protection** Chemical-resistant gloves made of waterproof material such as neoprene, butyl rubber, barrier laminate or nitrile rubber. Skin contact should be prevented through use of suitable protective clothing, gloves and footwear, selected with regard of use conditions and exposure potential.

**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. 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** Dark brown

**Odor** Sweet

### SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability** Fipronil is stable under normal handling and storage conditions.

**Conditions to Avoid** Direct sunlight  
Exposure to extreme heat  
Product will stain porous surfaces.

**Incompatibility** Strong acids and strong bases

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Strong oxidizing agents

### Hazardous Products of Decomposition

Decomposition Type: thermal  
Hydrogen fluoride  
Oxides of nitrogen  
Oxides of sulfur  
Carbon oxides  
Hydrochloric acid

### Hazardous Polymerization (Conditions to avoid)

Will not occur

## SECTION 11. TOXICOLOGICAL INFORMATION

NOTE: Data for the acute information is based on studies performed on a similar formulation with 0.25% fipronil.

**Acute Oral Toxicity** Rat: LD50: > 5,000 mg/kg

**Acute Dermal Toxicity** LD50: > 2,000 mg/kg

**Acute Inhalation Toxicity** Rat: LC50: > 2.9 mg/l

**Skin Irritation** Rabbit: Slightly irritating.

**Eye Irritation** Rabbit: Non-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

The following data is based on the technical grade active ingredient(s).  
Rainbow trout  
flow-through test  
LC50: 0.248 mg/l  
Exposure Time: 96 h

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Mean concentration.

Bluegill sunfish  
flow-through test  
LC50: 0.085 mg/l  
Exposure Time: 96 h  
Mean concentration.

### Acute Toxicity to Aquatic Invertebrates

The following data is based on the technical grade active ingredient(s).  
Daphnia  
flow-through test  
EC50: 0.248 mg/l  
Exposure Limit: 48 h  
Mean concentration.

### Toxicity Other Non Mammal Terr. Species

The following data is based on the technical grade active ingredient(s).  
Mallard duck  
LC50: > 5,000 mg/kg  
Exposure Time: 8 d  
Dietary concentrations. Mean concentration.

Bobwhite quail  
LC50: 48 mg/kg  
Exposure Time: 8 d  
Dietary concentrations. Mean concentration.

### Environmental Precautions

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. Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment washwater. Contain runoff to prevent entry into sewers or waterways.

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### Additional Environmental Information

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

## SECTION 13. DISPOSAL CONSIDERATIONS

### General Disposal Guidance

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate 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

Wrap used pre-filled plastic reservoirs in several layers of newspaper and discard in trash.

### RCRA Classification

Not Regulated under this Statute

## SECTION 14. TRANSPORT INFORMATION

TRANSPORTATION CLASSIFICATION:  
Not Regulated for Transportation

## SECTION 15. REGULATORY INFORMATION

EPA Registration No. 432-1259

### US Federal Regulations

#### 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.

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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 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	0	1	1	

REASON FOR ISSUE: New MSDS.

Approval Date: 01/09/2004

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