



MSDS Number: 000000002065

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	

Material Safety Data Sheet

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

MSDS Number: 000000002065

MSDS Version 1.0

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.

Material Safety Data Sheet

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

MSDS Number: 000000002065

MSDS Version 1.0

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,

Material Safety Data Sheet

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

MSDS Number: 000000002065

MSDS Version 1.0

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

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

Material Safety Data Sheet

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

MSDS Number: 000000002065

MSDS Version 1.0

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

Material Safety Data Sheet

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

MSDS Number: 000000002065

MSDS Version 1.0

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.

Material Safety Data Sheet

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

MSDS Number: 000000002065

MSDS Version 1.0

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.

Material Safety Data Sheet

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

MSDS Number: 000000002065

MSDS Version 1.0

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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