



Material Safety Data Sheet

**MAXFORCE® FC PROFESSIONAL INSECT CONTROL®
ROACH KILLER BAIT GEL**

MSDS Number: 102000005017
MSDS Version 2.0
Revision Date: 11/18/2005

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name MAXFORCE® FC PROFESSIONAL INSECT CONTROL® ROACH KILLER BAIT GEL
MSDS Number 102000005017
EPA Registration No. 432-1259
Product Use Insecticide for use as a spot or crack and crevice treatment for indoor and outdoor.

Bayer Environmental Science
2 T.W. Alexander Drive
Research Triangle PK, NC 27709
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>Average % by Weight</u>
Fipronil	120068-37-3	0.01

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 skin. Moderate eye irritation. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling.

Physical State gel
Odor sweet
Appearance dark brown
Routes of Exposure Eye contact, Skin Absorption, Skin contact, Ingestion
Immediate Effects
Eye Avoid contact with eyes. Moderately irritating to the eyes following prolonged direct contact.
Skin Avoid contact with skin, eyes and clothing. Harmful if absorbed through skin. Moderately irritating to skin following prolonged direct contact.



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Ingestion Do not take internally.

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

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

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 all contaminated clothing immediately. Rinse immediately with plenty of water for at least 15 minutes. Call a poison control center or doctor for treatment advice.

Ingestion 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 directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim unattended.

Inhalation Move 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.

Notes to Physician Treatment There is no specific antidote. Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended.

SECTION 5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards Do not use this product in or on electrical equipment due to the possibility of shock hazard. Heating or fire can release toxic gas.

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

Fire Fighting Instructions Keep out of smoke. Fight fire from maximum distance. Dike area to prevent runoff and contamination of water sources. Equipment or materials involved in pesticide fires may become contaminated. In the event of fire and/or explosion do not breathe fumes.

Wear self-contained breathing apparatus and protective suit.



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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions** Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces.
- Additional Advice** Use personal protective equipment. 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. Avoid contamination of feed and foodstuffs.
- Storing Procedures** Keep tightly closed in a dry, cool and well-ventilated place. Keep out of reach of children and animals. Protect against heat/overheating. Keep away from direct sunlight.
- Work/Hygienic Procedures** Keep away from food, drink and animal feedingstuffs.

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

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- General Protection** Follow all label instructions. Train employees in safe use of the product.
- Engineering Controls** Ensure adequate ventilation.
- Eye/Face Protection** protective eyewear
- Hand Protection** Chemical resistant nitrile rubber gloves
- Body Protection** Skin contact should be prevented through use of suitable protective clothing, gloves and footwear, selected with regard of use conditions and exposure potential.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** dark brown
- Physical State** gel



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Odor sweet

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Extremes of temperature and direct sunlight. Exposure to moisture. Product will stain porous surfaces.
Incompatibility	strong acids and strong bases strong oxidizing agents
Hazardous Decomposition Products	In case of fire hazardous decomposition products may be produced such as: hydrogen fluoride nitrogen oxides (NOx) Sulphur oxides Carbon oxides hydrochloric acid

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: Slight irritation.
Eye Irritation	rabbit: Non-irritant.
Sensitization	guinea pig: Non-sensitizing.

Assessment Carcinogenicity

- ACGIH**
None.
- NTP**
None.
- IARC**
None.
- OSHA**
None.



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SECTION 12. ECOLOGICAL INFORMATION

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 wash water. Apply this product only as specified on the label.

SECTION 13. DISPOSAL CONSIDERATIONS

Container Disposal Wrap container in several layers of newspaper and discard in trash. Follow advice on product label and/or leaflet.

SECTION 14. TRANSPORT INFORMATION

DOT CLASSIFICATION:
Not Regulated for Domestic Surface Transportation

FREIGHT CLASSIFICATION:
Insecticides or Fungicides, N.O.I., other than poison

TDG (Canada):
Not regulated for road or rail.

SECTION 15. REGULATORY INFORMATION

EPA Registration No. 432-1259

US Federal Regulations

TSCA list

None.

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

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.



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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.

SECTION 16. OTHER INFORMATION

NFPA 704 (National Fire Protection Association):

Health - 1 Flammability - 1 Reactivity - 1 Others - none

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

Reason to Revise: Renumbered do to system update; Updated sections as needed.

Revision Date: 11/18/2005

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