



**MATERIAL SAFETY DATA SHEET**  
**BAYER ENVIRONMENTAL SCIENCE**  
**95 CHESTNUT RIDGE ROAD, MONTVALE, N.J. 07645**

For Medical and Transportation Emergencies ONLY call 24 hours a day 1-800-334-7577  
For Product Use Information call 1-800-331-2867

## 1. CHEMICAL PRODUCT INFORMATION

Product Name: Maxforce FC SELECT Professional Insect Control Roach Killer Bait Gel  
Product Code: NA  
Chemical Family: NA  
Chemical Name: Mixture  
Chemical Formula: NA  
EPA Reg. No.: 432-1259

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS NO.	%
Fipronil	120068-37-3	0.01

## 3. HAZARD IDENTIFICATION

### EMERGENCY OVERVIEW

**CAUTION:** 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.

## 4. FIRST AID MEASURES

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

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

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: Effects from over-exposure are not expected to occur from use of the bait gel. In severe cases of overexposure to fipronil itself lethargy, and muscle tremors can occur. In severe cases convulsions may occur.

## 5. FIRE FIGHTING MEASURES

Flash Point: Not flammable or explosive

Fire and Explosion Hazards: Under conditions of a fire, toxic corrosive fumes may be emitted by the active ingredient fipronil.

Suitable Extinguishing Media: Dry chemical, Foam, Water, Carbon Dioxide

## 6. ACCIDENTAL RELEASE MEASURES

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

## 7. HANDLING AND STORAGE

Handling Procedures: Keep exposed gel away from open food and food 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 excessive heat.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Body Protection: Skin contact should be prevented through use of suitable protective clothing, selected with regard to use conditions and exposure potential. Because work environments and material handling practices vary, safety procedures should be developed for each intended application.

## **9. PHYSICAL/CHEMICAL PROPERTIES**

Appearance: Dark Brown

Odor: Sweet

## **10. STABILITY AND REACTIVITY**

Chemical Stability: Stable under normal handling and storage conditions.

Conditions to Avoid: Direct Sunlight, extreme heat, Product will stain porous surfaces.

Incompatibility: Strong acids and bases, strong oxidizing agents

Hazardous Products of Decomposition: Hydrogen fluoride, Oxides of nitrogen, sulfur, carbon oxides, hydrochloric acid.

Hazardous Polymerization: Will not occur

## **11. TOXICOLOGICAL INFORMATION**

Note: Data for the acute effects are based on studies performed on a similar formulation with 0.25% fipronil.

Acute Oral Toxicity: Rat LD50: >5000 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

## **12. ECOLOGICAL INFORMATION (of concentrate)**

Environmental Precautions: This pesticide is toxic to birds, fish and aquatic invertebrates. Do not apply directly to water, or 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 wastes. Do not contaminate water when disposing of equipment washwaters.

Ecotoxicological Information: Mean dietary LC50: Mallard duck 5,000 mg/kg/8 d, Bobwhite quail 48 mg/kg/8 d. Mean concentration flow through LC50: Bluegill sunfish 85 µg/l/96 hour, Rainbow trout 248 µg/l/96 hour, Daphnia EC50: 248 µg/g/l/48 hour.

## **13. DISPOSAL CONSIDERATIONS**

Waste Disposal Method: If these wastes can not 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.

## **14. TRANSPORT INFORMATION**

Not regulated under DOT regulations

## **15. REGULATORY INFORMATION**

State Regulations: This product does not contain any components that are regulated under California Proposition 65.

US Federal Regulations: SARA Title III Classes:

Fire Hazard: No

Reactivity Hazard: No

Acute Health Hazard: Yes

Chronic Health Hazard: Yes

SARA 313: No components listed

## **16. OTHER INFORMATION**

DISCLAIMER: The information is provided in good faith but without express or implied warranty. Buyer assumes all responsibility for safety and use not in accordance with label instructions.

Revised: 4/22/04