

# MAXFORCE<sup>®</sup> FC

## PROFESSIONAL INSECT CONTROL<sup>®</sup>

### ANT BAIT STATIONS

**FOR USE IN COMMERCIAL, INDUSTRIAL AND RESIDENTIAL AREAS**

**ACTIVE INGREDIENT:**

Fipronil\*: [5-Amino-1-(2, 6-dichloro-4-trifluoromethyl) phenyl)-4-(1, R, S)-(trifluoromethyl) sulfinyl)-1H-pyrazole-3-carbonitrile].....0.01%

**OTHER INGREDIENTS:**.....99.99%

**Total:**.....100.00%

\*CAS NO. 120068-37-3

Contains: 24 Child-Resistant Bait Stations

**EPA Reg. No. 432-1256**

**EPA Est. No.**

U.S. Patent Nos. 4,353,907; DES 278,842; 4,563,836; 4,845,103; 5,271,180 and other patents pending.

## KEEP OUT OF REACH OF CHILDREN

## CAUTION: SEE PRECAUTIONS BELOW

FIRST AID	
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p><b>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-334-7577 for emergency medical treatment information.</b></p>	

MAXFORCE<sup>®</sup> FC Professional Insect Control<sup>®</sup> Ant Bait Stations contain a patented bait formulation which kills Pharaoh ants and other common household ants: Argentine Ants, Carpenter Ants, Crazy Ants, Pavement Ants, Cornfield Ants, Odorous House Ants, Acrobat Ants and Thief Ants. When properly used, MAXFORCE<sup>®</sup> FC Professional Insect Control<sup>®</sup> Ant Bait Stations will attract foraging worker ants. The ants will feed on the bait, which contains the active ingredient Fipronil. Then, the worker ants will take some of this bait back to the nest, where they will pass it on to destroy the queen and the entire colony.

MAXFORCE<sup>®</sup> FC Professional Insect Control<sup>®</sup> Ant Bait Stations will kill both adult and larval ant forms.

Do not use residual sprays with or near the MAXFORCE<sup>®</sup> FC Professional Insect Control<sup>®</sup> Ant Bait Stations, as the worker ants must remain alive to carry the bait back to the queen and immature workers. Residual sprays may cause worker ants to spread out and form secondary colonies. MAXFORCE<sup>®</sup> FC Professional Insect Control<sup>®</sup> Ant Bait Stations work because it is non-repellent and thus will not cause secondary colony formation.

MAXFORCE<sup>®</sup> FC Professional Insect Control<sup>®</sup> Ant Bait Stations have no insecticide odor, are child-resistant and easy to use. The patented bait station design allows you to inspect each bait placement and monitor the amount of ant feeding. They may be used for the control of ants in hospitals, nursing homes, day care centers, schools, residential establishments, warehousing and commercial establishments, food service, food manufacturing and food processing facilities, laboratories, computer and electronic equipment facilities, pet shops, zoos, buses, boats, aircraft, and trains.

MAXFORCE FC Professional Insect Control® Ant Bait Stations contain Fipronil, [a [new] active ingredient] which kills ants by ingestion and contact. In the process of ingestion or contact, Fipronil [the active ingredient] acts by blocking the GABA (Gamma Amino Butyric Acid) receptor chloride channel. Once chloride ions cannot pass through the channel, depolarization ensues resulting in continued release of excitatory transmitters and hyperexcitation of the neuron. Worker ants that have been contaminated feed the bait to the larvae in the colony. The larvae digest the solid bait and produce a liquid that contains fipronil that they feed to the rest of the colony and queen(s). This Maxforce Domino Effect™ eliminates the entire colony.

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS.**

**Caution:** Wash thoroughly with soap and water after handling bait stations.

### **STORAGE AND DISPOSAL:**

Do not contaminate water, food or feed by storage and disposal. **STORAGE:** Store in a cool dry area out of reach of children.

**DISPOSAL:** Wrap bait stations in several layers of newspaper and discard in trash.

## **DIRECTIONS FOR USE:**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling.**

1. Simply place each bait station indoors or outdoors (adjacent to the home or structure) immediately next to ant trails or close to areas where ants are numerous. Nests are usually located in dark, humid and warm areas close to a water and food source. For maximum effectiveness in ant control the bait station should be placed in or near wall voids, electrical outlets (if wiring permits), potted plants, waste-paper baskets, garbage cans and sinks. Bait stations can be placed in cabinets, next to dishes, near sensitive equipment or in any place specifically listed on this label. In zoos and pet shops, place bait stations out of reach of zoo animals and pets.
2. **Indoor Use:** For normal infestations, you should use 3 MAXFORCE® FC Professional Insect Control® Ant Bait Stations in an average size room. For heavier infestations, you will need additional bait stations in each room. If infestation persists beyond two weeks, replace all bait stations where the bait has been completely consumed and relocate bait stations that show no evidence of ant feeding.
3. **Outdoor Use:** Bait stations should be placed adjacent to the home or structure near ant activity or anywhere ants may gain access to the home or structure. Application sites include electrical conduits, vents, pipe chases, concrete slabs, skylights on roofs; around ant mounds, garbage cans, and trees; along walls, window sills, sidewalks and driveways; on ground around home or structure.
4. The bait stations can be stuck to a vertical surface by peeling off the protective strip to expose adhesive.
5. **Do not spray the bait stations. Avoid placing the bait stations on freshly sprayed surfaces.**
6. Increased ant activity may be seen near the bait stations immediately after placement for short periods but you can expect to see less activity within three days. After placement, ant trails may be observed between the bait stations and the nests. For best results do not interfere with the ants or the stations during their use because ants must carry the bait back to destroy the queen and colony.
7. Inspect all bait stations and replace as needed for continuous control of ants.

## IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer

**DISCLAIMER OF WARRANTIES:** BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. BAYER CROPSCIENCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

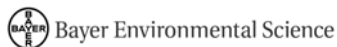
**LIMITATIONS OF LIABILITY:** TO THE EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

### TOTAL NET WEIGHT

1.2 oz (36 g) 0.05 oz (1.5 g) per unit

Maxforce website address: [www.Bayerprocentral.com](http://www.Bayerprocentral.com)

Maxforce is a registered trademark of Bayer.



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07/20/06



**Material Safety Data Sheet**

**MAXFORCE® FC PROFESSIONAL INSECT CONTROL®  
ANT BAIT STATIONS**

MSDS Number: 102000005016  
MSDS Version 2.0  
Revision Date: 12/12/2007

**SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION**

**Product Name** MAXFORCE® FC PROFESSIONAL INSECT CONTROL® ANT BAIT STATIONS  
**MSDS Number** 102000005016  
**EPA Registration No.** 432-1256

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! May be harmful if swallowed. Avoid contact with skin and clothing. Hazard to humans and domestic animals. Keep out of reach of children and animals.

**Physical State** gel

**Appearance** amber

**Routes of Exposure** Ingestion, Skin contact, Eye contact

**Immediate Effects**

**Eye** Avoid contact with eyes.

**Skin** May be minimally irritating following prolonged direct contact. Avoid contact with skin and clothing.

**Ingestion** May be harmful if swallowed. Do not take internally.

**Chronic or Delayed Long-Term** This product or its components may have target organ effects. This product or its components may have long term (chronic) health effects.



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**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** When possible, 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 physician or poison control center immediately.

**Skin** Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.

**Ingestion** Call a physician or poison control center immediately. Rinse out mouth and give water in small sips to drink. 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 physician or poison control center immediately.

**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**

**Flash point** > 93.4 °C / > 200.1 °F

**Fire and Explosion Hazards** Dangerous gases are evolved in the event of a fire.

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

**Fire Fighting Instructions** Fight fire from upwind position. Keep out of smoke. Do not allow run-off from fire fighting to enter drains or water courses.  
  
Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.





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OSHA Z1	PEL		15 mg/m3
Form of exposure		Total dust.	
OSHA Z1A	TWA		5 mg/m3
Form of exposure		Respirable fraction.	
OSHA Z1A	TWA		15 mg/m3
Form of exposure		Total dust.	
US CA OEL	TWA PEL		5 mg/m3
Form of exposure		Respirable fraction.	
US CA OEL	TWA PEL		10 mg/m3
Form of exposure		Total dust.	

\*OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	amber
<b>Physical State</b>	gel
<b>Density</b>	1.27 g/cm <sup>3</sup>
<b>Melting / Freezing Point</b>	60 °C / 140 °F

**SECTION 10. STABILITY AND REACTIVITY**

<b>Conditions to Avoid</b>	Extremes of temperature and direct sunlight. Exposure to moisture.
<b>Incompatibility</b>	Strong bases Strong acids Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	Thermal decomposition Nitrogen oxides (NOx) Sulphur oxides Hydrogen fluoride (HF) Carbon oxides Hydrogen chloride (HCl)
<b>Hazardous Reactions</b>	Stable under normal conditions.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Acute toxicity data have been bridged from a similar formulation containing a slightly higher percentage of the active ingredient, fipronil. The non-acute information pertains to technical-grade active ingredient.



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<b>Acute Oral Toxicity</b>	rat: LD50: > 5,000 mg/kg
<b>Acute Dermal Toxicity</b>	rat: LD50: > 5,000 mg/kg
<b>Skin Irritation</b>	rabbit: Slight irritation.
<b>Eye Irritation</b>	rabbit: Minimally irritating.
<b>Sensitization</b>	guinea pig: Non-sensitizing.
<b>Chronic Toxicity</b>	Fipronil caused liver, kidney or thyroid effects and/or neurobehavioral effects (e.g., tremors) in chronic toxicity studies in rats and dogs. Fipronil did not induce any microscopic lesions in the neural tissues.

**Assessment Carcinogenicity**

Fipronil has been classified by EPA as a Category C carcinogen based on thyroid tumors in rats only. These tumors are produced by a mechanism which is not relevant to human cancer. Fipronil did not produce an increase in tumor incidence in mice.

**ACGIH**

None.

**NTP**

None.

**IARC**

None.

**OSHA**

None.

<b>Reproductive &amp; Developmental Toxicity</b>	REPRODUCTION: Fipronil was not considered a primary reproductive toxicant in rats.  DEVELOPMENTAL TOXICITY: Fipronil was not a developmental toxicant in rats and rabbits.
<b>Neurotoxicity</b>	Fipronil caused transient neurobehavioral effects (e.g., tremors) in neurotoxicity studies in rats. Delays in developmental landmarks were observed in rats at maternally toxic doses.
<b>Mutagenicity</b>	Fipronil was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

**SECTION 12. ECOLOGICAL INFORMATION**

<b>Environmental Precautions</b>	Do not allow to get into surface water, drains and ground water. Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water. Apply this product as specified on the label.
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**SECTION 13. DISPOSAL CONSIDERATIONS**

**General Disposal Guidance** Follow container label instructions for disposal of wastes generated during use in compliance with the product label.

**Container Disposal** Wrap and discard in trash.

**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**

**EPA Registration No.** 432-1256

**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.

**US State Right-To-Know Ingredients**

None.

**Canadian Regulations**

**Canadian Domestic Substance List**

None.

**Environmental**

**CERCLA**

None.



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**Clean Water Section 307 Priority Pollutants**

None.

**Safe Drinking Water Act Maximum Contaminant Levels**

None.

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**SECTION 16. OTHER INFORMATION**

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NFPA 704 (National Fire Protection Association):

Health - 1      Flammability - 1      Reactivity - 0      Others - none

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

Reason to Revise: Updated due to new system and numbering scheme. Updated Section 11: Toxicological Information. Updated for general editorial purposes.

Revision Date: 12/12/2007

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