



FC PROFESSIONAL INSECT CONTROL™ ANT KILLER BAIT GEL

FOR USE IN COMMERCIAL, INDUSTRIAL AND RESIDENTIAL AREAS

ACTIVE INGREDIENT:

Fipronil*0.001%

OTHER INGREDIENTS:99.999%

*CAS NO. 120068-37-3

Contains: 3 plastic dispensers or 4 plastic reservoirs

KEEP OUT OF REACH OF CHILDREN
CAUTION: SEE CAUTIONS BELOW

Use only in areas not easily accessible to children and pets.

Product may stain textiles and clothing.

This product provides FAST CONTROL of ants in 3-5 days. MAXFORCE® FC Professional Insect Control Ant Killer Bait Gel is formulated to effectively control ants. That's because this product contains Fipronil, a fast-acting active ingredient. Its speed is still slow enough, however, for foraging ants to return to the colony and feed the bait to larvae and queen(s) so that the entire colony is killed through the Domino Effect.™

This product is formulated for effective ant control. The high moisture content of this gel enhances the bait's attractiveness to target ants. The bait's attractiveness is greatest within two weeks of application. This product is a bait product, formulated to take advantage of ant trophallaxis. Through trophallaxis, worker ants eat the bait while foraging, then feed it to the rest of the colony. The larvae digest the solid bait and produce a liquid containing the Fipronil that is fed to the rest of the colony and queen(s).

This product controls a broad spectrum of ants. Thus this product controls [additional] ants including Argentine, Pharaoh, Pavement, Honey, Acrobat, Odorous House, Thief, Big-headed, Cornfield, and Field.

[When exposed to higher temperatures (above 80°F) for extended periods of time, the gel will change color and lose effectiveness.]

PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed. Avoid contact with skin and clothing. Keep exposed gel away from open foods and food contact surfaces. Wash hands thoroughly after handling.

PHYSICAL AND CHEMICAL HAZARDS

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

FIRST AID

IF SWALLOWED: 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 told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

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.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool, dry area out of reach of children.

DISPOSAL: If Empty: Do not reuse container. Place in trash or offer for recycling if available.

If Partly Filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

For questions or comments about MAXFORCE, call toll-free 1-800-331-2867.

DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. All product labeling must be in possession of the applicator. Application rate is dependent on level of infestation and species to be controlled. Bait should be applied as spots.

Applications in Food/Feed Handling Establishments. Application within food/feed areas of food/feed handling establishments is limited to crack and crevice treatment only. Apply with syringe applicator or bait injector directly into cracks and crevices. Place applicator tip into cracks and crevices and where ants may travel. Apply gel (up to 1 gram) per spot. Apply bait in small amounts between different elements of construction, openings leading into voids and hollow spaces in floors, walls, ceilings, equipment legs and bases, around plumbing pipes, doors and windows, cabinets, sinks, stoves and other places where ants may enter the establishment. During follow-up visits inspect bait placements and reapply when necessary.

Do not apply bait to areas where food/feed, food utensils or food processing surfaces may become contaminated. Do not apply bait in cracks and crevices of areas that are routinely washed, tops of tables, food/feed preparation and prepared food/feed holding surfaces as bait may be removed by washing. Do not apply bait to surfaces where the temperature exceeds

120°F as bait may run. Examples include, but are not limited to, portions of stoves, ovens, grills, fume hoods, heat lamps, coffee urns, steam tables, toasters, fryers, dishwashers and hot water pipes. Care should be taken to avoid depositing gel onto exposed surfaces. If gel contacts an exposed surface, remove it and wash exposed surface.

Food/feed areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing edible waste for storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas are also considered a food area when food is exposed and facility is in operation. Application of this product in food/feed areas of food/feed handling establishments other than as a crack and crevice treatment is not permitted.

- 1. To apply gel: Remove cap from tip -or- break off, touch tip to surface and depress plunger. Recap after use.
2. Apply gel in spots in cracks and crevices. For best results, make -or- place many spots of dabs of gel where you see ants foraging and entering the structure.
3. Do not apply the gel to areas which have been recently sprayed with insecticide or contaminated with foggers, and do not spray insecticide over gel as this may cause the bait to become repellent. Do not apply gel to areas that are routinely washed, such as counter tops, as gel will be removed or diluted and spread onto the surface. If you have recently sprayed, remove the dead ants and thoroughly clean the area before applying the gel.
4. Place the bait as follows: Gel can be placed in cracks, crevices, corners and any out of the way place, such as under and behind kitchen appliances, along baseboards, under sinks, in pantry, around pipes and water heater, window and door frames, and in the garage, attic, or crawl space.

For indoor use: Visually inspect for ants and place gel in areas where you see ants. Likely locations for ants and gel placements are areas where ants enter the building structure and areas with potential water damage including: wall voids, cracks and crevices in kitchen, bathroom, under sink, window sills, screen vents, garage, attic, and crawl spaces. Do not place bait in locations that are routinely washed, as bait will be removed by washing. Do not treat food preparation surfaces.

For outdoor use: Place gel outdoors into, on or adjacent to structures where you see ants, next to ant trails and suspected areas of ant activity. Likely locations for ants and gel placements are points of entry into structure and areas with potential water damage including: eaves, soffits, weep holes, where wires and pipes come into the building structure, trees, stumps, roots, wood decks, fences, planter boxes, woodpiles, landscaping, and railroad ties. Extreme heat or cold, direct sunlight and water may reduce the residual effectiveness. Apply Gel outdoors into MAXFORCE Refillable Bait Stations or other devices designed to hold and protect bait outdoors. Close Refillable MAXFORCE Bait Station securely after application.

Inspect placements and reapply as needed; The gel will remain attractive to ants for up to two weeks. Inspect gel placements and reapply as needed, reapply in the same area if bait is gone or in a different location if no ant activity is evident. You will notice fewer ants in days.

Directions for using the Maxforce Bait Injector, loading reservoirs and operation: With the teeth of the drive rod facing up, pull the drive rod all the way back. Attach ant gel reservoir to the bait injector with a twist-locking movement. Remove the reservoir outlet cap and attach the dispensing tip. Push the drive rod until the drive plunger seats against the piston in the reservoir of gel. Turn drive rod knob until teeth are facing down. Gently squeeze the trigger until the gel flows out. Reservoirs that still contain gel can be sealed with the end cap for future use.

Directions for changing reservoirs: With the arrow on the drive rod pointing up, pull the drive rod out as far as it will go. Remove the empty reservoir, wrap, and place in trash can. Reservoirs that still contain gel can be sealed with the outlet cap for future use. To attach a new reservoir of gel, follow the above directions.

Maxforce is a registered trademark of Bayer. FC Professional Insect Control is a trademark of Bayer.

Contains 3 plastic dispensers or 4 plastic reservoirs

NET WEIGHT 2.1 oz (60g) or 0.95 oz. (27 g),

TOTAL NET WEIGHT 6.3 oz. (108 g) OR 3.80 (108G)



Bayer Environmental Science
A Business Group of Bayer CropScience LP

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Trade name MAXFORCE® FC ANT KILLER BAIT GEL

Product code (UVP) 05955726

SDS Number 102000005030

EPA Registration No. 432-1264

Relevant identified uses of the substance or mixture and uses advised against

Use Insecticide

Restrictions on use See product label for restrictions.

Information on manufacturer

Bayer Environmental Science
2 T.W. Alexander Drive
Research Triangle PK, NC 27709
United States

Emergency Telephone Number (24hr/ 7 days) 1-800-334-7577

Product Information Telephone Number

SDS Information or Request SDSINFO.BCS-NA@bayer.com

SECTION 2: HAZARDS IDENTIFICATION

Classification in accordance with regulation HCS 29CFR §1910.1200

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

Other hazards

No particular hazards known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component Name	CAS-No.	Average % by Weight
Fipronil	120068-37-3	0.001



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SECTION 4: FIRST AID MEASURES

Description of first aid measures

General advice	When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.
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.
Skin contact	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.
Eye contact	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.
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.

Most important symptoms and effects, both acute and delayed

Symptoms To date no symptoms are known.

Indication of any immediate medical attention and special treatment needed

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

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable Water, Foam, Carbon dioxide (CO₂), Dry chemical

Unsuitable None known.

Special hazards arising from the substance or mixture In the event of fire the following may be released: Carbon monoxide (CO), Nitrogen oxides (NO_x), Sulphur oxides, Hydrogen chloride (HCl), Hydrogen fluoride

Advice for firefighters

Special protective equipment for fire-fighters Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.

Further information Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

Flash point 93.4 °C
Autoignition temperature no data available



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Lower explosion limit	not applicable
Upper explosion limit	not applicable
Explosivity	no data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Precautions Isolate hazard area. Keep unauthorized people away. Avoid contact with spilled product or contaminated surfaces.

Methods and materials for containment and cleaning up

Methods for cleaning up Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.

Additional advice Use personal protective equipment. Do not allow to enter soil, waterways or waste water canal.

Reference to other sections Information regarding safe handling, see section 7.
Information regarding personal protective equipment, see section 8.
Information regarding waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Maintain exposure levels below the exposure limit through the use of general and local exhaust ventilation.
Product will stain porous surfaces.

Advice on protection against fire and explosion Do not use this product in or on electrical equipment due to the possibility of shock hazard.

Hygiene measures Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.
Remove Personal Protective Equipment (PPE) immediately after handling this product. Before removing gloves clean them with soap and water. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers Keep containers tightly closed in a dry, cool and well-ventilated place.
Keep out of reach of children and animals.



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components	CAS-No.	Control parameters	Update	Basis
Fipronil	120068-37-3	0.035 mg/m3 (TWA)		OES BCS*
Fipronil	120068-37-3	50ug/m3 (ST ESL)	03 2012	TX ESL
Fipronil	120068-37-3	5ug/m3 (AN ESL)	03 2012	TX ESL
Sucrose	57-50-1	10 mg/m3 (TWA)	02 2012	ACGIH
Sucrose (Total)	57-50-1	10 mg/m3 (REL)	2010	NIOSH
Sucrose (Respirable.)	57-50-1	5 mg/m3 (REL)	2010	NIOSH
Sucrose (Total dust.)	57-50-1	15 mg/m3 (PEL)	02 2006	OSHA Z1
Sucrose (Respirable fraction.)	57-50-1	5 mg/m3 (PEL)	02 2006	OSHA Z1
Sucrose (Respirable fraction.)	57-50-1	5 mg/m3 (TWA)	1989	OSHA Z1A
Sucrose (Total dust.)	57-50-1	15 mg/m3 (TWA)	1989	OSHA Z1A
Sucrose (Total dust.)	57-50-1	15 mg/m3 (TWA)	06 2008	TN OEL
Sucrose (Respirable fraction.)	57-50-1	5 mg/m3 (TWA)	06 2008	TN OEL
Sucrose (Particulate.)	57-50-1	50ug/m3 (ST ESL)	02 2013	TX ESL
Sucrose (Particulate.)	57-50-1	5ug/m3 (AN ESL)	02 2013	TX ESL

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

Exposure controls

Personal protective equipment

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

Respiratory protection

When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.

Hand protection

Chemical resistant nitrile rubber gloves

Eye protection

Safety glasses with side-shields

Skin and body protection

Wear long-sleeved shirt and long pants and shoes plus socks.



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General protective measures Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water.
Keep and wash PPE separately from other laundry.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	yellow
Physical State	gel
Odor	sweet
Odour Threshold	no data available
pH	5.0 - 6.0 at 100 % (55 - 70 °C)
Vapor Pressure	no data available
Vapor Density (Air = 1)	no data available
Density	ca. 1.27 g/cm ³ at 20 °C
Evaporation rate	not applicable
Boiling Point	not applicable
Melting / Freezing Point	60 °C / 140 °F
Water solubility	no data available
Minimum Ignition Energy	no data available
Decomposition temperature	no data available
Partition coefficient: n-octanol/water	no data available
Viscosity	not applicable
Flash point	93.4 °C
Autoignition temperature	no data available
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Explosivity	no data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Thermal decomposition	no data available
Chemical stability	Stable under recommended storage conditions.



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Possibility of hazardous reactions	No hazardous reactions when stored and handled according to prescribed instructions.
Conditions to avoid	Extremes of temperature and direct sunlight. Exposure to moisture.
Incompatible materials	Strong bases, Strong acids, Strong oxidizing agents
Hazardous decomposition products	No decomposition products expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes Ingestion, Skin contact, Eye contact

Immediate Effects

Eye May cause mild irritation to eyes.

Skin Mild skin irritation.

Ingestion May be harmful if swallowed.

Information on toxicological effects

Acute oral toxicity LD50 (rat) > 5,000 mg/kg

Acute dermal toxicity LD50 (rat) > 5,000 mg/kg

Skin irritation Slight irritation (rabbit)

Eye irritation Minimally irritating. (rabbit)

Sensitisation Non-sensitizing. (guinea pig)

Assessment repeated dose toxicity

Fipronil caused specific target organ toxicity in experimental animal studies in the following organ(s): liver. Fipronil caused neurobehavioral effects and/or neuropathological changes in animal studies.

Assessment Mutagenicity

Fipronil was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

Assessment Carcinogenicity

Fipronil caused an increased incidence of tumours in rats in the following organ(s): thyroid. The mechanism that triggers tumours in rodents and the type of tumours observed are not relevant to humans.

ACGIH

None.

NTP

None.

IARC

None.



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OSHA

None.

Assessment toxicity to reproduction

Fipronil caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. The reproduction toxicity seen with Fipronil is related to parental toxicity.

Assessment developmental toxicity

Fipronil did not cause developmental toxicity in rats and rabbits.

Further information

Acute toxicity studies have been bridged from a similar formulation(s).
The non-acute information pertains to the active ingredient(s).

SECTION 12: ECOLOGICAL INFORMATION

Biodegradability	Fipronil: ; not rapidly biodegradable
Koc	Fipronil: Koc: 427 - 1278
Bioaccumulation	Fipronil: Bioconcentration factor (BCF) 321; Does not bioaccumulate.
Mobility in soil	Fipronil: Slightly mobile in soils
Environmental precautions	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.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product	Follow container label instructions for disposal of wastes generated during use in compliance with the product label. Never place unused product down any indoor or outdoor drain.
Contaminated packaging	Do not re-use empty containers. Place empty container in trash.
RCRA Information	Characterization and proper disposal of this material as a special or hazardous waste is dependent upon Federal, State and local laws and are the user's responsibility. RCRA classification may apply.

SECTION 14: TRANSPORT INFORMATION

According to national and international transport regulations this material is not classified as dangerous goods / hazardous material.



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SECTION 15: REGULATORY INFORMATION

EPA Registration No. 432-1264

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.

Clean Water Section 307 Priority Pollutants

None.

Safe Drinking Water Act Maximum Contaminant Levels

None.

EPA/FIFRA Information:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information required on the pesticide label:

Hazard statements:

Caution!

May be harmful if swallowed.

Avoid contact with skin, eyes and clothing.

Keep exposed gel away from open food and food contact surfaces.

Hazard to humans and domestic animals.

Keep out of reach of children and animals.



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SECTION 16: OTHER INFORMATION

NFPA 704 (National Fire Protection Association):

Health - 1 Flammability - 1 Instability - 0 Others - none

HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 1 Flammability - 1 Physical Hazard - 0 PPE -

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

Reason for Revision: Revised according to the current OSHA Hazard Communication Standard (29CFR1910.1200)

Revision Date: 02/25/2014

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