



Material Safety Data Sheet

MAXFORCE® CARPENTER ANT BAIT GEL

MSDS Number: 102000005015

MSDS Version 2.0

Revision Date: 06/29/2006

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name MAXFORCE® CARPENTER ANT BAIT GEL
Chemical Name Fipronil
MSDS Number 102000005015
EPA Registration No. 432-1264
Product Use For use in commercial, industrial and residential areas.

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

Table with 3 columns: Hazardous Component Name, CAS-No., Average % by Weight. Row 1: Fipronil, 120068-37-3, 0.001

SECTION 3. HAZARDS IDENTIFICATION

NOTE: Please refer to Section 11 for detailed toxicological information.

Emergency Overview Caution! Keep out of reach of children and animals. Hazard to humans and domestic animals. Keep exposed gel away from open food and food contact surfaces.

Physical State gel clear

Odor sweet

Appearance yellow

Routes of Exposure Skin contact, Ingestion

Immediate Effects
Skin May be minimally irritating following prolonged direct contact.



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Ingestion May be harmful if swallowed.

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 Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and shoes immediately. 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 94 °C / 201 °F

Explosiveness Not explosive

Fire and Explosion Hazards Under fire conditions, toxic, corrosive fumes are emitted.

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



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Fire Fighting Instructions Keep unnecessary people away, isolate hazard area and deny entry. Dike area to prevent runoff and contamination of water sources. Avoid contact with spilled product or contaminated surfaces. Fight fire from upwind position. Equipment or materials involved in pesticide fires may become contaminated.

Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Methods for Cleaning Up Use proper protective equipment to minimize personal exposure (see Section 8). Take all necessary action to prevent and to remedy the effects of the spill. Dispose in accordance with all local, state/provincial and federal regulations.

Additional Advice If spilled on the ground, the affected area should be scraped clean and placed in an appropriate container for disposal. Avoid contact with spilled product or contaminated surfaces. Decontaminate tools and equipment following cleanup.

SECTION 7. HANDLING AND STORAGE

Handling Procedures Use proper protective equipment to minimize personal exposure (see Section 8). Handle in accordance with good industrial hygiene and safety practice.

Storing Procedures Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry secured storage area.

Work/Hygienic Procedures Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and clothing.

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

Min/Max Storage Temperatures Do not transport or store above 27 °C / 81 °F

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General Protection Train employees in safe use of the product. Follow all label instructions. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water.

Engineering Controls Use with local exhaust ventilation.

Eye/Face Protection Safety glasses with side-shields

Hand Protection Chemical resistant nitrile rubber gloves



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

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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance yellow

Physical State gel clear

Odor sweet

Specific Gravity 1.27

Melting / Freezing Point 60 °C / 140 °F

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability Stable under recommended storage conditions.

Conditions to Avoid Product will stain porous surfaces.

 Exposure to sunlight.
 Exposure to extreme heat.

Incompatibility strong bases
 strong acids
 strong oxidizing agents

**Hazardous
Decomposition Products** Thermal decomposition
 nitrogen oxides (NOx)
 Sulphur oxides
 hydrogen fluoride
 Carbon oxides
 hydrochloric acid

Hazardous Reactions Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

NOTE: The toxicology data refers to a similar formulation.

Acute Oral Toxicity rat: LD50: > 5,000 mg/kg



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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.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity to Fish Oncorhynchus mykiss (rainbow trout)
flow-through test
LC50: 0.248 mg/l
Exposure time: 96 h
The value mentioned relates to the active ingredient.
Mean concentration.

Bluegill sunfish
flow-through test
LC50: 0.085 mg/l
Exposure time: 96 h
The value mentioned relates to the active ingredient.
Mean concentration.

Toxicity to other organisms Mallard duck
LC50: > 5,000 mg/kg
Exposure time: 8 d
The value mentioned relates to the active ingredient.
Mean concentration. Dietary concentrations.

Bobwhite quail
LC50: 48 mg/kg
Exposure time: 8 d
The value mentioned relates to the active ingredient.
Mean concentration. Dietary concentrations.



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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.

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 Empty remaining contents. Puncture container to avoid re-use. 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. 432-1264

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



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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 - 0 Others - none

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

Reason to Revise: Update First Aid, Section 4; update address.

Revision Date: 06/29/2006

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