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MAXFORCE® FC SELECT PROFESSIONAL INSECT CONTROL ROACH KILLER BAIT GEL

Version 4.0 / USA Revision Date: 07/16/2021 102000005017 Print Date: 07/17/2021

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

Product identifier

Trade name MAXFORCE® FC SELECT PROFESSIONAL INSECT CONTROL

ROACH KILLER BAIT GEL

Product code (UVP) 05955564

SDS Number 102000005017

EPA Registration No. 432-1259

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

Use Insecticide

Restrictions on useSee product label for restrictions.

Information on supplier

Supplier Bayer Environmental Science

A division of Bayer CropScience LP 5000 Centregreen Way, Suite 400

Cary, NC 27513

USA

Responsible Department Email: SDSINFO.BCS-NA@bayer.com

Emergency telephone no.

Emergency Telephone

Number (24hr/ 7 days)

1-800-334-7577

Product Information Telephone Number

1-800-331-2867

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.

Hazards Not Otherwise Classified (HNOC)

No physical hazards not otherwise classified. No health hazards not otherwise classified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS



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Hazardous Component Name CAS-No. Concentration % by weight

Fipronil 120068-37-3 0.01

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 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.

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 The following symptoms may occur:, Restlessness, Anxiety, Tremors

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.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

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

Unsuitable High volume water jet



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Special hazards arising from the substance or

mixture

Dangerous gases are evolved in the event of a fire.

Advice for firefighters

Special protective equipment for firefighters

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 Not applicable

Auto-ignition temperature No data available

Lower explosion limitNo data availableUpper explosion limitNo data available

Explosivity No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Precautions Keep unauthorized people away. Isolate hazard area. Avoid contact

with spilled product or contaminated surfaces.

Methods and materials for containment and cleaning up

Methods for cleaning upCollect 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. If the product is accidentally

spilled, 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 Product will stain porous surfaces.

Use only in area provided with appropriate exhaust ventilation.

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 Remove Personal Protective Equipment (PPE) immediately after



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handling this product. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing.

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

applying cosmetics.

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. Keep away from direct

sunlight.

Advice on common storage Keep away from food, drink and animal feedingstuffs.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components	CAS-No.	Control parameters	Update	Basis
Fipronil	120068-37-3	0.035 mg/m3		OES BCS*
		(TWA)		

^{*}OES BCS: Internal Bayer AG, Crop Science Division "Occupational Exposure Standard"

Exposure controls

Personal protective equipment

Formulated product

Respiratory protection Respiratory protection is not required under anticipated

circumstances of exposure.

Hand protection Chemical-resistant gloves (barrier laminate, butyl rubber, nitrile

rubber or Viton)

Eye protection Safety glasses with side-shields

Skin and body protection Wear long-sleeved shirt and long pants and shoes plus socks.

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

Information on basic physical and chemical properties

Form gel

Colour light brown
Odour sweet



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Odour Threshold No data available pH No data available

Melting point/rangeNo data availableBoiling PointNo data availableFlash pointNot applicable

Auto-ignition temperatureNo data availableThermal decompositionNo data available

Minimum ignition energy No data available

Self-accelarating decomposition temperature

(SADT)

Flammability

No data available

No data available

Upper explosion limit
Lower explosion limit
No data available
Vapour pressure
No data available
Evaporation rate
Relative vapour density
No data available

Water solubility soluble

Partition coefficient: n-

octanol/water

No data available

Viscosity, dynamic 55,000 - 180,000 cps (25 °C)

40,000 - 115,000 cps (25 °C)

Viscosity, kinematic

Oxidizing properties

No data available

No data available

No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity Stable under normal conditions.

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 oxidizing agents, Strong bases, Strong acids

Hazardous decomposition

products

No decomposition products expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes Eye contact, Skin Absorption, Skin contact, Ingestion

Immediate Effects

Eye May cause eye irritation.

Skin Harmful if absorbed through skin.

Ingestion Not expected to produce significant adverse effects when

recommended use instructions are followed.

Inhalation Not expected to produce significant adverse effects when

recommended use instructions are followed.

Information on toxicological effects

Acute oral toxicity LD50 (male/female combined Rat) > 5,000 mg/kg

Acute inhalation toxicity

No data available

Acute dermal toxicity LD50 (male/female combined Rat) > 5,000 mg/kg

Skin corrosion/irritation slight irritation (Rabbit)

Serious eye damage/eye

irritation

Minimally irritating. (Rabbit)

Respiratory or skin

sensitisation

Non-sensitizing. (Guinea pig)

Assessment STOT Specific target organ toxicity - single exposure

Fipronil: Based on available data, the classification criteria are not met.

Assessment STOT Specific target organ toxicity - repeated exposure

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



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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.

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.

Aspiration hazard

Based on available data, the classification criteria are not met.

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

Toxicity to fish LC50 (Oncorhynchus mykiss (rainbow trout)) 0.25 mg/l

Exposure time: 96 h

The value mentioned relates to the active ingredient fipronil.

Toxicity to aquatic invertebrates

EC50 (Daphnia magna (Water flea)) 0.19 mg/l

Exposure time: 48 h

The value mentioned relates to the active ingredient fipronil.

LC50 (Mysidopsis bahia (mysid shrimp)) 0.14 µg/l

Exposure time: 96 h

The value mentioned relates to the active ingredient fipronil.

Chronic toxicity to aquatic NOEC (Mysidopsis bahia (mysid shrimp)): 0.0077 µg/l



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invertebrates Exposure time: 28 d

The value mentioned relates to the active ingredient fipronil.

Toxicity to aquatic plants EC50 (Desmodesmus subspicatus (green algae)) 0.068 mg/l

Exposure time: 96 h

The value mentioned relates to the active ingredient fipronil.

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

Results of PBT and vPvB assessment

PBT and vPvB assessment This substance is not considered to be persistent, bioaccumulative and

toxic (PBT). This substance is not considered to be very persistent and

very bioaccumulative (vPvB).

Additional ecological

information

No other effects to be mentioned.

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 It is best to use all of the product in accordance with label directions. If it

is necessary to dispose of unused product, please follow container label

instructions and applicable local guidelines.

Never place unused product down any indoor or outdoor drain.

Contaminated packaging Do not re-use empty containers.

Wrap and discard in trash.

Follow advice on product label and/or leaflet.

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.



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

Freight Classification: INSECTICIDES OR FUNGICIDES, N.O.I., OTHER THAN

POISON

SECTION 15: REGULATORY INFORMATION

EPA Registration No. 432-1259

US Federal Regulations

TSCA list

 Water
 7732-18-5

 Sucrose
 57-50-1

 Soybean oil
 8001-22-7

 Syrups, corn, hydrogenated
 68425-17-2

 acrylic polymer
 9003-01-4

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

No export notification needs to be made.

SARA Title III - Section 302 - Notification and Information

Not applicable.

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

 Sucrose
 57-50-1
 MN, RI

 Soybean oil
 8001-22-7
 MN, RI

Environmental

CERCLA

None.

Clean Water Section 307(a)(1)

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



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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:

Signal word: Caution!

Hazard statements: Keep exposed gel away from open food and food contact surfaces.

Harmful if absorbed through skin. Causes moderate eye irritation.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms

49CFR Code of Federal Regulations, Title 49 ACGIH US. ACGIH Threshold Limit Values

ATE Acute toxicity estimate

CAS-Nr. Chemical Abstracts Service number

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

EINECS European inventory of existing commercial substances

ELINCS European list of notified chemical substances
IARC International Agency for Research on Cancer
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods

N.O.S. Not otherwise specified

NTP US. National Toxicology Program (NTP) Report on Carcinogens OECD Organization for Economic Co-operation and Development

TDG Transportation of Dangerous Goods

TWA Time weighted average

UN United Nations

WHO World health organisation

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: The following sections have been revised: Section 8: Exposure Controls / Personal Protection. Section 12. Ecological information. Reviewed and updated for general editorial purposes.

Revision Date: 07/16/2021

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

This information is provided in good faith but without express or implied warranty. The customer assumes



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