

MAXFORCE® FC ROACH KILLER BAIT STATIONS

Version 3.0 / USA Revision Date: 11/06/2014 102000013976 Print Date: 11/06/2014

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

Product identifier

Trade name MAXFORCE® FC ROACH KILLER BAIT STATIONS

Product code (UVP) 05826399

SDS Number 102000013976

EPA Registration No. 432-1257

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 no.

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

Product Information Telephone Number 1-800-331-2867

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. Concentration % by weight 120068-37-3 0.05

SAFETY DATA SHEET



MAXFORCE® FC ROACH KILLER BAIT STATIONS

Version 3.0 / USA Revision Date: 11/06/2014 102000013976 Print Date: 11/06/2014

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

Dangerous gases are evolved in the event of a fire.

Advice for firefighters

Special protective

equipment for fire-fighters

Firefighters should wear NIOSH approved self-contained breathing

apparatus and full protective clothing.

Further information Fight fire from upwind position. Keep out of smoke. Do not allow run-off

from fire fighting to enter drains or water courses.

Flash point

> 93.4 °C no data available

Autoignition temperature no data availab

SAFETY DATA SHEET



MAXFORCE® FC ROACH KILLER BAIT STATIONS

Version 3.0 / USA Revision Date: 11/06/2014 102000013976 Print Date: 11/06/2014

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

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 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 Use only in area provided with appropriate exhaust ventilation.

Hygiene measures Keep away from food, drink and animal feedingstuffs.

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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components	CAS-No.	Control parameters	Update	Basis
Fipronil (Particulate.)	120068-37-3	50ug/m3 (ST ESL)	02 2013	TX ESL
Fipronil	120068-37-3	5ug/m3	02 2013	TX ESL





MAXFORCE® FC ROACH KILLER BAIT STATIONS

Version 3.0 / USA Revision Date: 11/06/2014 102000013976 Print Date: 11/06/2014

(Particulate.)	- K - S	(AN ESL)	- 2	i.
Fipronil	120068-37-3	0.035 mg/m3 (TWA)		OES BCS*
1,2-Propanediol (Vapor.)	57-55-6	1000ug/m3 (ST ESL)	02 2013	TX ESL
1,2-Propanediol (Vapor.)	57-55-6	50ppb (AN ESL)	02 2013	TX ESL
1,2-Propanediol (Vapor.)	57-55-6	500ppb (ST ESL)	02 2013	TX ESL
1,2-Propanediol (Vapor.)	57-55-6	100ug/m3 (AN ESL)	02 2013	TX ESL
1,2-Propanediol (Aerosol.)	57-55-6	10 mg/m3 (TWA)	2010	WEEL

^{*}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 Respiratory protection is not required under anticipated

circumstances of exposure.

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.

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 light tan to brown

Physical State pasty

Odor characteristic
Odour Threshold no data available
pH no data available
Vapor Pressure no data available

Vapor Density (Air = 1) no data available
Specific Gravity no data available
Evapouration rate no data available

SAFETY DATA SHEET



MAXFORCE® FC ROACH KILLER BAIT STATIONS

Version 3.0 / USA Revision Date: 11/06/2014 102000013976 Print Date: 11/06/2014

Boiling Point no data available no data available water solubility no data available no data available no data available no data available

Decomposition temperature

not applicable

Partition coefficient: n-

octanol/water

not applicable

Viscosity

no data available

Flash point > 93.4 °C

Autoignition temperature no data available

Lower explosion limit no data available

Upper explosion limit no data available

Explosivity not applicable

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Thermal decomposition not applicable

Chemical stability Stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

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 Skin contact, Ingestion

Information on toxicological effects

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

Acute inhalation toxicity

no data available



MAXFORCE® FC ROACH KILLER BAIT STATIONS

Version 3.0 / USA Revision Date: 11/06/2014 102000013976 Print Date: 11/06/2014

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.

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

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



MAXFORCE® FC ROACH KILLER BAIT STATIONS

Version 3.0 / USA Revision Date: 11/06/2014 102000013976 Print Date: 11/06/2014

invertebrates Exposure time: 48 h

The value mentioned relates to the active ingredient fipronil.

Toxicity to aquatic plants EC50 (Scenedesmus subspicatus) 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

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.

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.

SECTION 14: TRANSPORT INFORMATION

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

SECTION 15: REGULATORY INFORMATION

EPA Registration No. 432-1257

US Federal Regulations

TSCA list None.

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)
None.





MAXFORCE® FC ROACH KILLER BAIT STATIONS

Version 3.0 / USA Revision Date: 11/06/2014 102000013976 Print Date: 11/06/2014

SARA Title III - Section 302 - Notification and Information

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

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:

Signal word: Caution!

Hazard statements: Avoid contact with skin, eyes and clothing.

Wash thoroughly with soap and water after handling.

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

Bayer Environmental Science SAFETY DATA SHEET



MAXFORCE® FC ROACH KILLER BAIT STATIONS

Version 3.0 / USA Revision Date: 11/06/2014 102000013976 Print Date: 11/06/2014

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

Revision Date: 11/06/2014

This information is provided in good faith but without express or implied warranty. The customer assumes all responsibility for safety and use not in accordance with label instructions. The product names are registered trademarks of Bayer.