

SAFETY DATA SHEET



QuickBayt Fly Bait

Version 1.0 Revision Date: 06/23/2020 SDS Number: 122000006093 Date of last issue: -
Date of first issue: 23.06.2020

SECTION 1. IDENTIFICATION

Product information

Product Name : QuickBayt Fly Bait
Synonyms : QuickBayt
SDS Number : 122000006093

Use : Pest control

Company

Elanco Canada Ltd.
150 Research Lane
Suite 120
Guelph, ON N1G 4T2
CANADA
1-800-265-5475
elanco_sds@elanco.com

In case of emergency: CHEMTREC International: +1 703-527-3887 (24 hours)

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations

Not a dangerous substance / mixture according to GHS.

GHS label elements

Not a dangerous substance / mixture according to GHS.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Sulfetal C 90	68955-19-1	$\geq 1 - < 5$
Imidacloprid	138261-41-3	0,51

SECTION 4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.

If inhaled : Not an expected entry route.

In case of skin contact : If skin irritation persists, call a physician.

In case of eye contact : Flush eyes with water as a precaution.

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If swallowed : In case of accidental ingestion, contact your regional poison center or physician immediately.

Most important symptoms and effects, both acute and delayed : None known.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Any

Specific hazards during fire-fighting : Fire may cause evolution of:
Hydrogen cyanide (hydrocyanic acid)
Hydrogen chloride gas
Nitrogen oxides (NOx)
Carbon oxides

Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Avoid dust formation.

Methods and materials for containment and cleaning up : Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : No special protective measures against fire required.

Advice on safe handling : Industrial uses:
Avoid dust formation.
Avoid contact with skin, eyes and clothing.

Further information on storage conditions : Keep in a dry, cool place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis

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Sucrose / Sugar	57-50-1	TWA	10 mg/m ³	CA AB OEL
		TWA	10 mg/m ³	CA AB OEL
		TWAEV	10 mg/m ³	CA QC OEL
		TWAEV	10 mg/m ³	CA QC OEL
		TWA (Total dust)	10 mg/m ³	CA BC OEL
		TWA (Total dust)	10 mg/m ³	CA BC OEL
		TWA (respirable dust fraction)	3 mg/m ³	CA BC OEL
		TWA (respirable dust fraction)	3 mg/m ³	CA BC OEL
		TWA	10 mg/m ³	ACGIH
		TWA	10 mg/m ³	ACGIH

Personal protective equipment

Respiratory protection : Recommended Filter type:
HEPA

None required for consumer use of this product.

Hand protection
Material : Chemically resistant gloves.

Remarks : None required for consumer use of this product.

Eye protection : Safety glasses
None required for consumer use of this product.

Protective measures : No special safety precautions are required during handling of pharmaceuticals in their intended finished form (tablets or liquid formulations) by chemists, the hospital's medical staff or patients.
For the intake of ready for use pharmaceuticals or the external use on the skin please read the label and the package leaflet.
Wear suitable protective equipment.
Please consult label for end-user requirements.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : granular
Colour : red
Odour : weak, characteristic
Melting point / range : 180 - 182 °C
Solubility(ies)
Water solubility : 20 g/l soluble

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Partition coefficient: n-octanol/water : Pow: 0,57 (21 °C)
Auto-ignition temperature : 355 °C
Decomposition temperature : No data available
Explosive properties : No statements available.
Oxidizing properties : No data available
Impact sensitivity : No data available
Minimum ignition energy : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No data available
Chemical stability : No data available
Possibility of hazardous reactions : No data available
Conditions to avoid : Do not allow product to come in contact with:
Heat
Incompatible materials : Oxidizing agents
Hazardous decomposition products : Hydrogen cyanide (hydrocyanic acid)
Hydrogen chloride gas
Nitrogen oxides (NOx)
Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : LD50 (Rat): > 2.500 mg/kg
Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg

Components:

Sulfetal C 90:

Acute oral toxicity : LD50 (Rat, male and female): 4.010 mg/kg
Acute dermal toxicity : LD50 (Rat, male and female): > 2.000 mg/kg
Method: OECD 402
GLP: yes

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Assessment: The available study results do not lead to a GHS classification
Remarks: Data on a comparable substance

Imidacloprid:

Acute oral toxicity : LD50 (Rat): 424 mg/kg
Method: OECD 401

Acute inhalation toxicity : LC50 (Rat): > 5,323 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist/aerosol
Method: OECD 403

Acute dermal toxicity : LD50 (Rat): > 5.000 mg/kg

Skin corrosion/irritation

Product:

Species : Rabbit
Result : No skin irritation

Components:

Sulfetal C 90:

Species : Rabbit
Exposure time : 4 h
Assessment : Causes skin irritation.
Method : OECD 404
Result : Severe skin irritation
GLP : yes

Imidacloprid:

Species : Rabbit
Result : No skin irritation

Serious eye damage/eye irritation

Product:

Species : Rabbit
Result : No eye irritation

Components:

Sulfetal C 90:

Species : Rabbit
Result : Irritating to eyes.
Assessment : Causes serious eye damage.
Method : OECD 405

Imidacloprid:

Species : Rabbit

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Result : No eye irritation

Respiratory or skin sensitisation**Product:**

Species : Guinea pig
Method : OECD 406
Result : Does not cause skin sensitisation.

Components:**Sulfetal C 90:**

Test Type : Buehler Test
Species : Guinea pig
Method : OECD 406
Result : Does not cause skin sensitisation.
GLP : yes

Imidacloprid:

Test Type : Skin sensitisation
Species : Guinea pig
Method : Magnusson and Kligmann maximization test
Result : Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity**Components:****Sulfetal C 90:**

Genotoxicity in vitro : Test Type: Reverse Mutation test
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Method: OECD 471
Result: negative
GLP: yes

Imidacloprid:

Genotoxicity in vitro : Test Type: Ames test
Result: negative

Remarks: In vitro tests did not show mutagenic effects

Genotoxicity in vivo : Result: No indication of mutagenic effects., No evidence of a genotoxic effect.

Carcinogenicity**Components:****Imidacloprid:**

Result : Animal testing did not show any carcinogenic effects.

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Reproductive toxicity

Components:

Imidacloprid:

STOT - single exposure

Components:

Sulfetal C 90:

Assessment : May cause respiratory irritation.

STOT - repeated exposure

Components:

Imidacloprid:

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Further information

Components:

Imidacloprid:

Pharmaceutic effects
Remarks : Insecticide

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Sulfetal C 90:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 1,3 mg/l
Exposure time: 96 h
Test Type: flow-through test
Analytical monitoring: yes
Method: OECD 203
GLP: yes
Remarks: Nominal concentration

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 2,8 mg/l
Exposure time: 48 h
Test Type: Immobilization
Analytical monitoring: yes
Method: OECD 202
GLP: yes
Remarks: Nominal concentration

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): 20 mg/l
Exposure time: 72 h

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Test Type: Growth rate
 Analytical monitoring: yes
 Method: Regulation (EC) No. 440/2008, Annex, C.3
 GLP: yes
 Remarks: Nominal concentration

NOEC (Desmodesmus subspicatus (green algae)): 3 mg/l
 Exposure time: 72 h
 Test Type: Growth rate
 Analytical monitoring: yes
 Method: Regulation (EC) No. 440/2008, Annex, C.3
 GLP: yes
 Remarks: Nominal concentration

EC50 (Desmodesmus subspicatus (green algae)): 14 mg/l
 Exposure time: 72 h
 Test Type: Biomass
 Analytical monitoring: yes
 Method: Regulation (EC) No. 440/2008, Annex, C.3
 GLP: yes
 Remarks: Nominal concentration

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EC50 (Daphnia magna (Water flea)): 1,8 mg/l
 End point: mortality
 Exposure time: 21 d
 Analytical monitoring: yes
 Method: OECD 202
 Remarks: Nominal concentration

Toxicity to microorganisms : EC50 (Activated sludge micro-organism): 680 mg/l
 Exposure time: 3 h
 Test Type: Respiration inhibition
 Analytical monitoring: no
 Method: 88/302/EC
 GLP: yes
 Remarks: Nominal concentration

Imidacloprid:

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): 237 mg/l
 Exposure time: 96 h
 Test Type: Acute Fish toxicity

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 85 mg/l
 Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l
 Exposure time: 72 h

EC50 (Desmodesmus subspicatus (green algae)): > 10 mg/l
 Exposure time: 72 h

Toxicity to microorganisms : EC50 (Activated sludge micro-organism): > 10.000 mg/l
 Method: OECD 209

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Persistence and degradability**Components:****Sulfetal C 90:**

Biodegradability : Biodegradation
Result: rapidly biodegradable
Biodegradation: $\geq 70\%$
Exposure time: 28 d

aerobic
Inoculum: activated sludge
Concentration: 44 mg/l
Result: Readily biodegradable.
Biodegradation: 93 %
Exposure time: 28 d
Method: Directive 67/548/EEC Annex V, C.4.C.
GLP: yes

Photodegradation : Test Type: Air
Method: QSAR

Imidacloprid:

Stability in water : Degradation half life: > 1 a (25 °C) pH: 4
Hydrolysis: at 25 °C

Degradation half life: > 1 a (25 °C) pH: 7
Hydrolysis: at 25 °C

Degradation half life: ca. 1 h (25 °C) pH: 9
Hydrolysis: at 25 °C

Bioaccumulative potential**Components:****Sulfetal C 90:**

Partition coefficient: n-octanol/water : log Pow: $< -2,1$ (20 °C)
Method: OECD 107

Imidacloprid:

Bioaccumulation : Remarks: Low potential for bioaccumulation

Partition coefficient: n-octanol/water : log Pow: 0,57 (21 °C)
Method: OECD 107

Mobility in soil

No data available

Other adverse effects**Product:**

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Additional ecological information : Do not allow to enter surface waters or groundwater. No data is available on the product itself.

Components:

Sulfetal C 90:

Results of PBT and vPvB assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Imidacloprid:

Adsorbed organic bound halogens (AOX) : Remarks: The product contains organic halogens.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic.

However, under MOE, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

UN/ID No. : UN 3077
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID)
Class : 9
Packing group : III
Labels : 9
Environmentally hazardous : yes

IMDG-Code

UN number : UN 3077
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID)
Class : 9
Packing group : III
Labels : 9
Marine pollutant : yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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Not applicable for product as supplied.

National Regulations

49 CFR

Not regulated as a dangerous good

TDG

Not regulated as a dangerous good

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

NPRI Components : 2,6-Di-tert-butyl-p-cresol

International Regulations

Montreal Protocol (Ozone Depleting Substances) : Not applicable

Rotterdam Convention (Prior Informed Consent) : Not applicable

Stockholm Convention (Persistent Organic Pollutants) : Not applicable

Canadian lists

No substances are subject to a Significant New Activity Notification.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
CA AB OEL : Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL : Canada. British Columbia OEL
CA QC OEL : Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
ACGIH / TWA : 8-hour, time-weighted average
CA AB OEL / TWA : 8-hour Occupational exposure limit
CA BC OEL / TWA : 8-hour time weighted average
CA QC OEL / TWA EV : Time-weighted average exposure value

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not

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to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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