



SAFETY DATA SHEET

QuickBayt Fly Bait

Version 1.0

Revision Date 05/02/2017

122000006093
Print Date 05/02/2017

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product information

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

Use : Pest control

Company

Bayer Inc.
2920 Matheson Boulevard East
Mississauga, ON L4W 5R6
CANADA
(800) 622-2937

In case of emergency: Chemtrec: (800) 424-9300
CANUTEC: (613) 996-6666

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not a dangerous substance / mixture according to GHS.

Label elements

Labelling according to national GHS implementation:

Not a dangerous substance / mixture according to GHS.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

Hazardous components

Sulfetal C 90

Concentration [Weight percent] $\geq 1 - < 5$

CAS-No.: 68955-19-1

CAS name: Sulfuric acid, mono-C12-18-alkyl esters, sodium salts

GHS Classification:



Eye Dam. 1 H318

STOT SE 3 H335

Skin Irrit. 2 H315

Imidacloprid

Concentration [Weight percent] 0.51

CAS-No.: 138261-41-3

CAS name: 2-Imidazolidinimine, 1-((6-chloro-3-pyridinyl)methyl)-N-nitro



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GHS Classification:



Acute Tox. 4 H302

M-Factor: 1,000

contains

Sucrose / Sugar

Concentration [Weight percent] 95.72

CAS-No.: 57-50-1

CAS name: .alpha.-D-Glucopyranoside, .beta.-D-fructofuranosyl

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

Description of 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.

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

Most important acute symptoms/effects

Indication of any immediate medical attention and special treatment needed

5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Any

Special hazards arising from the substance or mixture

Specific hazards during firefighting: 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.

Advice for firefighters

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



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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Environmental precautions

Methods and materials for containment and cleaning up

Methods for 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).

Reference to other sections

Additional advice: Avoid dust formation.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling:

Industrial uses: Avoid dust formation. Avoid contact with skin, eyes and clothing.

No special protective measures against fire required.

Conditions for safe storage, including any incompatibilities

Keep in a dry, cool place.

Specific end use(s)

No statements available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Sucrose / Sugar	57-50-1	TWA	10 mg/m ³	CA AB OEL
		TWA	10 mg/m ³	CA BC OEL
		TWAEV	10 mg/m ³	CA QC OEL

Personal protective equipment

Respiratory protection : Recommended Filter type:
HEPA

None required for consumer use of this product.

Hand protection

Material : Chemically resistant gloves.



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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form:	granular
Colour:	red
Odour:	weak characteristic
Melting point/range:	180 - 182 °C
Boiling point/boiling range:	No statements available.
Density:	No statements available.
Bulk density:	No statements available.
Vapour pressure:	No statements available.
Viscosity, dynamic:	No statements available.
Viscosity, kinematic:	No statements available.
Flow time:	No statements available.
Surface tension:	No statements available.
Water solubility:	20 g/l soluble
Solubility(ies):	No statements available.
pH:	No statements available.
Corrosive to metal:	No statements available.
Partition coefficient (n-octanol/water):	QuickBayt Fly Bait Pow: 0.57 at 21 °C Imidacloprid log Pow: 0.57 at 21 °C
Ignition temperature:	355 °C
Flash point:	Not applicable
Inflammability (solid, gaseous):	No statements available.
Explosion limits:	No statements available.

OECD 107

Other information



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Miscibility with water: Not applicable

10. STABILITY AND REACTIVITY

Reactivity

No statements available.

Reactions with water / air:

No statements available.

Ignition temperature:

355 °C

Burning number:

Imidacloprid

5 at 20 °C Method: VDI 2263 Burning with flames or flying sparks.

fire spread velocity > 45 s/10 cm (EEC Method A.10)

Chemical stability

Thermal decomposition:

No data available

Dust explosion characteristic number:

No statements available.

Dust explosion class:

No data available

Impact sensitivity:

No data available

Hazardous reactions:

None known.

Explosive properties:

No statements available.

Possibility of hazardous reactions

deflagration ability:

No statements available.

Smoldering combustion:

No statements available.

Conditions to avoid

Do not allow product to come in contact with:

Heat

Minimum ignition energy:

No data available

Oxidizing properties:



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No statements available.

Incompatible materials

Materials to avoid:

Oxidizing agents

Hazardous decomposition products

Hydrogen cyanide (hydrocyanic acid), Hydrogen chloride gas, Nitrogen oxides (NOx), Carbon oxides

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: > 2,000 mg/kg

Imidacloprid:

Acute oral toxicity : LD50 (Rat): 424 mg/kg
Assessment: Harmful if swallowed.

Acute inhalation toxicity : LC50 (Rat): > 5.323 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist/aerosol
Method: OECD 403
Assessment: May be harmful if inhaled.

Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg
Assessment: No adverse effect has been observed in acute toxicity tests.

Skin corrosion/irritation

Product:

Species: Rabbit

Result: No skin irritation

Components:

Sulfetal C 90:

Species: Rabbit

Method: OECD Test Guideline 404

Result: Severe skin irritation



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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.

Method: OECD 405

Imidacloprid:

Species: Rabbit

Result: No eye irritation

Respiratory or skin sensitisation

Product:

Species: Guinea pig

Method: OECD 406

Result: Does not cause skin sensitisation.

Components:

Imidacloprid:

Test Type: Skin sensitisation

Species: Guinea pig

Method: Magnusson and Kligmann maximization test

Result: Did not cause sensitisation on laboratory animals.

Assessment: Harmful if swallowed., May be harmful if inhaled.

Germ cell mutagenicity

Components:

Sulfetal C 90:

Genotoxicity in vitro : Test Type: incorporation of plates
Method: OECD 471
Result: negative

Imidacloprid:

Genotoxicity in vitro : Test Type: Ames test



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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.

STOT - repeated exposure

Components:

Imidacloprid:

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

Components:

Imidacloprid:

Repeated dose toxicity - Assessment : Harmful if swallowed., May be harmful if inhaled.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Sulfetal C 90:

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): 1 - 10 mg/l
Test Type: Acute Fish toxicity
Method: DIN 38412

LC50 (Danio rerio (zebra fish)): 1 - 10 mg/l
Test Type: Acute Fish toxicity

Toxicity to bacteria : EC0 (Pseudomonas putida): > 10 - 100 mg/l

Imidacloprid:

Toxicity to fish : LC50 (Cyprinus carpio (Carp)): 280 mg/l
Exposure time: 96 h
Test Type: Acute Fish toxicity

LC50 (Oncorhynchus mykiss (rainbow trout)): 211 mg/l
Exposure time: 96 h
Test Type: Acute Fish toxicity

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

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 85 mg/l



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aquatic invertebrates	Exposure time: 48 h
Toxicity to algae	: EC50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l Exposure time: 72 h
	EC50 (Desmodesmus subspicatus (green algae)): > 10 mg/l Exposure time: 72 h
M-Factor (Acute aquatic toxicity)	: 1,000
Toxicity to bacteria	: EC50 (activated sludge micro-organism): > 10,000 mg/l Method: OECD 209

Ecotoxicology Assessment

Acute aquatic toxicity	: Very toxic to aquatic life.
Chronic aquatic toxicity	: Very toxic to aquatic life with long lasting effects.

Persistence and degradability

Components:

Sulfetal C 90:

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

Imidacloprid:

Bioaccumulation	: Remarks: Low potential for bioaccumulation
Partition coefficient: n-octanol/water	: log Pow: 0.57 (21 °C) Method: OECD 107



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Mobility in soil

No data available

Other adverse effects

Product:

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

Components:

Imidacloprid:

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

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 RCRA, 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.

14. TRANSPORT INFORMATION

US Land transport (CFR) non-regulated

Sea transport (IMDG)

UN Number	3077
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID)
Class	9
Packaging group	III
IMDG-Labels	9
Marine pollutant	yes

Air transport (IATA)

UN Number	3077
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID)
Class	9
Packaging group	III
Dangerous goods labels	9

