



SAFETY DATA SHEET

QuickBayt Spot Spray

Version 2.1

Revision Date 01/31/2017

122000007116
Print Date 06/15/2018

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

Product information QUICK BAYT SPOT SPRAY 3 OZ IN SPRAY BTL

Product Name: QuickBayt Spot Spray
SDS Number: 122000007116

Use : Pest control

Company

Bayer HealthCare, LLC
Animal Health Division
12707 Shawnee Mission Parkway
(West 63rd)
Shawnee, KS 66216-1846
UNITED STATES OF AMERICA
(800) 633-3796

In case of emergency: (800) 422-9874
Chemtrec: (800) 424-9300
BAYER INFORMATION PHONE:(800) 633-3796
INTERNATIONAL:(703) 527-3887

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to national GHS implementation:

Acute toxicity, Oral, Category 4 (H302)

Label elements

Labelling according to national GHS implementation:



Warning

Hazard statements:

H302 Harmful if swallowed.

Precautionary statements:

Prevention:

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.



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Hazardous components which must be listed on the label:

Components:	CAS-No.
Imidacloprid	138261-41-3

Other hazards

Other hazards which do not result in classification:
None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

Hazardous components

Imidacloprid

Concentration [Weight percent] 10.21

CAS-No.: 138261-41-3

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

GHS Classification:



Acute Tox. 4 H302

M-Factor: 1,000

contains

Sucrose / Sugar

Concentration [Weight percent] 88.22

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: Take off all contaminated clothing immediately.

If inhaled: Remove to fresh air. If symptoms persist, call a physician.

In case of skin contact: After contact with skin, wash immediately with plenty of soap and water. If skin reactions occur, contact a physician.

In case of eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed: If swallowed, seek medical advice immediately and show this container or label.



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Most important acute symptoms/effects

Indication of any immediate medical attention and special treatment needed

5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Any

Unsuitable extinguishing media: none

Special hazards arising from the substance or mixture

Specific hazards during firefighting: Fire may cause evolution of: Carbon monoxide (CO) Carbon dioxide (CO₂)

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. Use personal protective equipment.

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:

Avoid dust formation. Only handle product with local exhaust ventilation. Avoid contact with skin, eyes and clothing.

No special protective measures against fire required.

Conditions for safe storage, including any incompatibilities



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Keep in a dry, cool place.

Specific end use(s)

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	ACGIH
		TWA (Respirable)	5 mg/m ³	NIOSH REL
		TWA (total)	10 mg/m ³	NIOSH REL
		TWA (total dust)	15 mg/m ³	OSHA Z-1
		TWA (respirable fraction)	5 mg/m ³	OSHA Z-1
		TWA (Total dust)	15 mg/m ³	OSHA P0
		TWA (respirable dust fraction)	5 mg/m ³	OSHA P0
Imidacloprid	138261-41-3	SUP	0.7 mg/m ³	
		SUP	0.7 mg/m ³	

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 : Wear suitable protective equipment.
Please consult label for end-user requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties



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Form:	granular
Colour:	white, off-white
Odour:	slight characteristic
Melting point/range:	181 °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:	
	soluble
Solubility(ies):	No statements available.
pH:	No statements available.
Corrosive to metal:	No statements available.
Partition coefficient (n-octanol/water):	Imidacloprid log Pow: 0.57 at 21 °C
Flash point:	Not applicable
Inflammability (solid, gaseous):	No statements available.
Explosion limits:	No statements available.

OECD 107

Other information

Miscibility with water: Not applicable

10. STABILITY AND REACTIVITY

Reactivity

No statements available.

Reactions with water / air:

No statements available.

Ignition temperature:

No statements available.

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

No statements available.

Thermal decomposition:

No data available

Dust explosion characteristic number:



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No statements available.

Dust explosion class:

No data available

Impact sensitivity:

No data available

Hazardous reactions:

No data available

Explosive properties:

No statements available.

Possibility of hazardous reactions

deflagration ability:

No statements available.

Smoldering combustion:

No statements available.

Conditions to avoid

No data available

Minimum ignition energy:

No data available

Oxidizing properties:

No statements available.

Incompatible materials

Materials to avoid:

Oxidizing agents

Hazardous decomposition products

Carbon monoxide (CO), Carbon dioxide (CO₂)

Further information:

The following applies in general to flammable organic substances and preparations: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : LD50 (Rat, female): \geq 2,000 mg/kg

Components:

Imidacloprid:

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



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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:

Imidacloprid:

Species: Rabbit

Result: No skin irritation

Serious eye damage/eye irritation

Product:

Species: Rabbit

Result: Moderate eye irritation

Components:

Imidacloprid:

Species: Rabbit

Result: No eye irritation

Respiratory or skin sensitisation

Product:

Species: Guinea pig

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.



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Germ cell mutagenicity

Components:

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

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

STOT - repeated exposure

Components:

Imidacloprid:

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

12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

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



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- Toxicity to daphnia and other aquatic invertebrates : EC50 (Hyalella azteca): 0.055 mg/l
Exposure time: 96 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:

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

Mobility in soil

No data available

Other adverse effects

Product:

- Additional ecological : Do not allow to enter surface waters or groundwater.



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information

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. (40 CFR 261.20-24)

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
Environmentally hazardous	yes



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15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Immediate Health Hazard
No SARA Hazards

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right To Know

Silicon dioxide 7631-86-9 1 - 5 %

Pennsylvania Right To Know

Sucrose / Sugar 57-50-1 70 - 90 %
Silicon dioxide 7631-86-9 1 - 5 %

New York City Hazardous Substances

No components listed on the New York City Hazardous Substances List

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

California List of Hazardous Substances

Silicon dioxide 7631-86-9

California Permissible Exposure Limits for Chemical Contaminants

Sucrose / Sugar 57-50-1

The components of this product are reported in the following inventories:

This product is excluded from TSCA Regulation under FIFRA Section 3 (2)(B)(ii) when used as a pesticide.

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.



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16. OTHER INFORMATION

Full text of H-Statements mentioned in chapters 2 and 3

H302 Harmful if swallowed.

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

Further information

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 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.