

SAFETY DATA SHEET
QuickBayt Spot Spray

122000007116

Version 2.0

Revision Date 01/07/2016

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**Product information**

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**Emergency Overview**

Colour: white, off-white **Form:** granular **Odour:** slight, characteristic.

GHS Classification:

Acute toxicity (Oral) : Category 4

GHS Label element:

Hazard pictograms :



Signal word : Warning

Hazard statements : H302 Harmful if swallowed.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.

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

P273 Avoid release to the environment.

Response:

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P391 Collect spillage.

Disposal:

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

Other hazards which do not result in classification:

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Weight percent	Components	CAS-No.
10.21%	Imidacloprid	138261-41-3
1.11%	Silicon dioxide	7631-86-9

Other Ingredients

Weight percent	Components	CAS-No.
88.22%	Sucrose / Sugar	57-50-1

4. 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.

Contact Number: Use the Bayer Emergency Number in Section 1

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Any

Unsuitable extinguishing media: none

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

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

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.

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).

Additional advice: Avoid dust formation.

Further Accidental Release Notes Avoid dust formation.

7. HANDLING AND STORAGE

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.

Storage:

Store in a cool dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Silicon dioxide (7631-86-9)

US. NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 6 mg/m³

Sucrose / Sugar (57-50-1)

US. ACGIH Threshold Limit Values

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Time Weighted Average (TWA): 10 mg/m³
US. NIOSH: Pocket Guide to Chemical Hazards
Recommended exposure limit (REL): 10 mg/m³ (Total)
US. NIOSH: Pocket Guide to Chemical Hazards
Recommended exposure limit (REL): 5 mg/m³ (Respirable.)
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)
Permissible exposure limit: 5 mg/m³ (Respirable fraction.)
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)
Permissible exposure limit: 15 mg/m³ (Total dust.)

Respiratory protection:

Recommended Filter type: HEPA

None required for consumer use of this product.

Hand protection:

Chemically resistant gloves.

None required for consumer use of this product.

Eye protection:

Safety glasses

None required for consumer use of this product.

Other protective measures:

Wear suitable protective equipment.

Please consult label for end-user requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	granular
Colour:	white, off-white
Odour:	slight, characteristic
Odour Threshold:	No applicable information is available
Melting point:	181 °C
Boiling point/boiling range:	No applicable information is available
Density:	No applicable information is available
Bulk density:	No applicable information is available
Vapour pressure:	No applicable information is available
Viscosity, dynamic:	No applicable information is available
Viscosity, kinematic:	No applicable information is available
Flow time:	No applicable information is available
Surface tension:	No applicable information is available
Miscibility with water:	No applicable information is available
Water solubility:	soluble
pH:	No applicable information is available
Relative density:	No applicable information is available

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Partition coefficient:	No applicable information is available
Solubility(ies):	No applicable information is available
Flash point:	No applicable information is available
Flammability (solid, gas):	No applicable information is available
Ignition temperature:	No applicable information is available
Explosion limits:	No applicable information is available

10. STABILITY AND REACTIVITY

Conditions to avoid: No data available

Materials to avoid: Oxidizing agents

Hazardous reactions: No data available

Thermal decomposition:

No data available

Hazardous decomposition products:

Carbon monoxide (CO), Carbon dioxide (CO₂)

Oxidizing properties:

No statements available.

Impact sensitivity:

No data available

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

Other information on toxicity:

Silicon dioxide

No persistent or cumulative effects were observed.

Acute oral toxicity:

LD₅₀ Rat , female : $\geq$ 2,000 mg/kg

Acute inhalation toxicity:

Imidacloprid

LC₅₀ Rat: > 5.323 mg/l, 4 h

May be harmful if inhaled.

Method: OECD 403

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Sucrose / Sugar

The substance or mixture has no acute inhalation toxicity

Silicon dioxide

LC0 Rat: 0.139 mg/l, 4 h

The substance or mixture has no acute inhalation toxicity

An LC50/inhalation/4h/rat could not be determined because no mortality of rats was observed at the maximum achievable concentration.

Acute dermal toxicity:

Imidacloprid

LD50 Rat: > 5,000 mg/kg

The substance or mixture has no acute dermal toxicity

Sucrose / Sugar

The substance or mixture has no acute dermal toxicity

Silicon dioxide

LD50 Rat: > 5,000 mg/kg

The substance or mixture has no acute dermal toxicity

Acute toxicity (other routes of administration):

Sucrose / Sugar

LD50 intraperitoneal Mouse: 14,000 mg/kg

Skin irritation:

Rabbit

Result: No skin irritation

Eye irritation:

Rabbit

Result: Moderate eye irritation

Sensitisation:

guinea pig

Result: Does not cause skin sensitisation.

Genotoxicity in vitro:

Imidacloprid

Ames test

Result: negative

In vitro tests did not show mutagenic effects

Silicon dioxide

Ames test

Result: negative

Unscheduled DNA Synthesis Test

Result: No evidence of a genotoxic effect.

Chromosome aberration test in vitro

Result: negative

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Genotoxicity in vivo:

Imidacloprid

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

Silicon dioxide

In vivo Cytogenetic Test, Rat

Result: negative

Dominant lethale test, Rat

Result: negative

Carcinogenicity:

Imidacloprid

Result: Animal testing did not show any carcinogenic effects.

Silicon dioxide

Result: No indication on the basis of the available data.

Reproductive toxicity:

Imidacloprid

Result: Animal studies have produced no evidence of toxic effects on reproduction.

Silicon dioxide

Result: Animal testing did not show any effects on fertility.

Teratogenicity:

Imidacloprid

Result: Animal studies have produced no evidence of harmful effects on development.

Silicon dioxide

Result: Did not show teratogenic effects in animal experiments.

Pharmaceutic effects:

Imidacloprid

Insecticide

Carcinogenicity:

No Carcinogenic substances as defined by IARC, NTP and/or OSHA

STOT - single exposure:

No data available

STOT - repeated exposure:

Components:

138261-41-3 :

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

12. ECOLOGICAL INFORMATION

General advice:

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Do not allow to enter surface waters or groundwater.

Toxicity to fish:

Imidacloprid

Acute Fish toxicity: LC50 280 mg/l

Test species: Cyprinus carpio (Carp) Duration of test: 96 h

Acute Fish toxicity: LC50 211 mg/l

Test species: Oncorhynchus mykiss (rainbow trout) Duration of test: 96 h

Acute Fish toxicity: LC50 237 mg/l

Test species: Leuciscus idus (Golden orfe) Duration of test: 96 h

Silicon dioxide

Acute Fish toxicity: LC50 > 10,000 mg/l

Test species: Danio rerio (zebra fish) Duration of test: 96 h

Method: OECD 203

Toxicity to daphnia and other aquatic invertebrates:

Imidacloprid

EC50 0.055 mg/l

Test species: Hyalella azteca Duration of test: 96 h

Silicon dioxide

EC50 > 10,000 mg/l

Test species: Daphnia magna (Water flea) Duration of test: 24 h

Method: OECD 202

Toxicity to algae:

Imidacloprid

EC50 > 100 mg/l

tested on: Pseudokirchneriella subcapitata (green algae) Duration of test: 72 h

EC50 > 10 mg/l

tested on: Desmodesmus subspicatus (green algae) Duration of test: 72 h

Silicon dioxide

IC50 440 mg/l

tested on: **Pseudokirchneriella subcapitata (green algae)** Duration of test: **72 h**

NOEC 60 mg/l

tested on: **Pseudokirchneriella subcapitata (green algae)** Duration of test: **72 h**

Toxicity to bacteria:

Imidacloprid

EC50 > 10,000 mg/l

tested on: activated sludge micro-organism

Method: OECD 209

Biodegradability:

Silicon dioxide

The methods for determining biodegradability are not applicable to inorganic substances.

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Physico-chemical removability:

Silicon dioxide

The product is insoluble and sinks in water..

Bioaccumulation:

Imidacloprid

Low potential for bioaccumulation

Sucrose / Sugar

Bioaccumulation is unlikely.

13. DISPOSAL CONSIDERATIONS

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)

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

14. TRANSPORT INFORMATION

Land transport (CFR)

non-regulated

US Sea transport (IMDG)

non-regulated

US Air transport (ICAO / IATA cargo aircraft only)

non-regulated

US Air transport (ICAO / IATA passenger and cargo aircraft)

non-regulated

International 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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International 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

15. REGULATORY INFORMATION

Other regulations: No statements available.

FIFRA Status This product is registered with the EPA under FIFRA.

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

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

Components

None

SARA Section 311/312 Hazard Categories Immediate Health Hazard

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

Components

None

US. EPA CERCLA Hazardous Substances (40 CFR 302)Components

None

Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists

Weight percent	Components	CAS-No.
60 - 100%	Sucrose / Sugar	57-50-1

1 - 5%	Silicon dioxide	7631-86-9
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California Prop. 65

To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

OSHA Hazcom Standard Rating Hazardous

16. OTHER INFORMATION

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.