



QUICK BAYT SPRAY WG10 20X250GR BOX MDE

Version 1 / CHI
102000008440

1/9
Revision Date: 21.09.2015
Print Date: 29.02.2016

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

1.1 Product identifier

Trade name QUICK BAYT SPRAY WG10 20X250GR BOX MDE
Product code (UVP) 06277055

1.2 Supplier's details

Supplier Bayer CropScience (China)
Company Ltd.
No.5 Road Hangzhou Economic &
Technological Development Area
310018 Hangzhou
Zhejiang
PR of China

Telephone +86 (0)571 87265252
Telefax +86 (0)571 86912531

Responsible Department QHSE Management
Email: SDS.China@bayer.com

1.3 Emergency telephone no.

Emergency telephone no. +86 (0) 10-83132345 (24 h response / 7 days)
Global Incident Response Hotline (24h) +1 (760) 476-3964 (Company 3E for Bayer CropScience)

1.4 Recommended and restricted uses

Use Insecticide

SECTION 2: HAZARDS IDENTIFICATION

2.1 Emergency Overview

Very toxic to aquatic life with long lasting effects.

2.2 Classification of the substance or mixture

Classification in accordance with Chinese GHS Regulation:

Acute aquatic toxicity: Category 1
H400 Very toxic to aquatic life.

Chronic aquatic toxicity: Category 1
H410 Very toxic to aquatic life with long lasting effects.

2.3 Label elements

The product is labeled in accordance with Chinese GHS regulation:

Hazardous components which must be listed on the label:

- Imidacloprid

Pictogram

**QUICK BAYT SPRAY WG10 20X250GR BOX MDE**Version 1 / CHI
1020000084402/9
Revision Date: 21.09.2015
Print Date: 29.02.2016**Signal word:** Warning**Hazard statements**

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention

P273 Avoid release to the environment.

Response

P391 Collect spillage.

Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

Disposal

P501 Dispose of contents/container in accordance with local regulation.

2.4 Physical and chemical hazards

No hazards to be specially mentioned.

2.5 Health hazard

No hazards to be specially mentioned.

2.6 Environmental hazards

Very toxic to aquatic life with long lasting effects.

2.7 Other hazards

No other hazards known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**Chemical nature: Mixture**Water dispersible granules (WG)
Imidacloprid 100g/L**Hazardous components**

Name	CAS-No. / EC-No.	Concentration [%]
Imidacloprid	138261-41-3	10

SECTION 4: FIRST AID MEASURES

**QUICK BAYT SPRAY WG10 20X250GR BOX MDE**

3/9

Version 1 / CHI
102000008440Revision Date: 21.09.2015
Print Date: 29.02.2016**4.1 Description of first aid measures**

General advice	Move out of dangerous area. Remove contaminated clothing immediately and dispose of safely. Place and transport victim in stable position (lying sideways).
Skin contact	Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Induce vomiting only, if: 1. patient is fully conscious, 2. medical aid is not readily available, 3. a significant amount (more than a mouthful) has been ingested and 4. time since ingestion is less than 1 hour. (Vomit should not get into the respiratory tract.)

4.2 Most important symptoms and health effects

Symptoms No symptoms known or expected.

4.3 Advice for emergency responders

Note Wear appropriate personal protective equipment, avoid direct contact.

4.4 Special note for doctor

Treatment Treat symptomatically. Monitor: respiratory and cardiac functions. In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable. There is no specific antidote.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

Suitable Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable High volume water jet

5.2 Special hazards arising from the substance or mixture In the event of fire the following may be released: Hydrogen chloride (HCl), Hydrogen cyanide (hydrocyanic acid), Carbon monoxide (CO), Nitrogen oxides (NO_x)

5.3 Advice for firefighters

Special protective equipment for fire-fighters In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus.

Further information Whenever possible, contain fire-fighting water by diking area with sand or earth. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

**QUICK BAYT SPRAY WG10 20X250GR BOX MDE**

4/9

Version 1 / CHI
102000008440Revision Date: 21.09.2015
Print Date: 29.02.2016**6.1 Personal precautions, protective equipment and emergency procedures**

Precautions Avoid contact with spilled product or contaminated surfaces. Use personal protective equipment.

6.2 Environmental precautions Do not allow to get into surface water, drains and ground water.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up Use mechanical handling equipment. Keep in suitable, closed containers for disposal. Clean contaminated floors and objects thoroughly, observing environmental regulations.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Advice on safe handling Use only in area provided with appropriate exhaust ventilation.

Hygiene measures Smoking, eating and drinking should be prohibited in the application area. Wash hands immediately after work, if necessary take a shower. Remove soiled clothing immediately and clean thoroughly before using again.

7.2 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. Store in original container. Store in a place accessible by authorized persons only.

Advice on common storage Keep away from food, drink and animal feedingstuffs.

Suitable materials Cylindrical bottles 0.25 – 1 L : COEXEV/COEXPA

7.3 Specific end uses Refer to the label and/or leaflet.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

Components	CAS-No.	Control parameters	Update	Basis
Imidacloprid	138261-41-3	0,7 mg/m ³ (TWA)		OES BCS*

*OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"

8.2 Engineering controls

Use only in area provided with appropriate exhaust ventilation.

8.3 Exposure controls**Personal protective equipment**

**QUICK BAYT SPRAY WG10 20X250GR BOX MDE**

5/9

Version 1 / CHI
102000008440Revision Date: 21.09.2015
Print Date: 29.02.2016

Respiratory protection	Respiratory protection is not required under anticipated circumstances of exposure. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.
Hand protection	Wear CE Marked (or equivalent) nitrile rubber gloves (minimum thickness of 0,4 mm). Wash when contaminated and dispose of when contaminated inside, when perforated or when contamination on the outside cannot be removed. Wash hands frequently and always before eating, drinking, smoking or using the toilet.
Eye protection	Wear goggles (conforming to EN166, Field of Use = 5 or equivalent).
Skin and body protection	Wear standard coveralls and Category 3 Type 5 suit. If there is a risk of significant exposure, consider a higher protective type suit. Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Form	granular
Colour	white to beige
Odour	weak, characteristic
Melting point/range	181 °C
Flammability (solid, gas)	The product is not highly flammable.
Ignition temperature	345 °C
Autoignition temperature	The product is not self-ignitable.
Water solubility	dispersible
Combustion number	CN2 Short flaring without spreading
Oxidizing properties	The product has been shown not to be oxidising in a test following Directive 67/548/EEC (Method A17, oxidising properties).
Explosivity	Not explosive 92/69/EEC, A.14 / OECD 113
9.2 Other information	Further safety related physical-chemical data are not known.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

Thermal decomposition	> 420 °C, Heating rate: 0,5 K/min
Self heating	not self-heating

**QUICK BAYT SPRAY WG10 20X250GR BOX MDE**

6/9

Version 1 / CHI
102000008440Revision Date: 21.09.2015
Print Date: 29.02.2016

10.2 Chemical stability	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions when stored and handled according to prescribed instructions.
10.4 Conditions to avoid	Extremes of temperature and direct sunlight.
10.5 Incompatible materials	Store only in the original container.
10.6 Hazardous decomposition products	No decomposition products expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

Acute oral toxicity	LD 50 cut-off (rat) > 5.000 mg/kg
Acute inhalation toxicity	ATE (rat) > 5 mg/l Exposure time: 4 h calculated ATE – acute toxicity estimate
Acute dermal toxicity	ATE (rat) > 5.000 mg/kg Calculation method ATE – acute toxicity estimate
Skin irritation	No skin irritation (rabbit)
Eye irritation	No eye irritation (rabbit)
Sensitisation	Non-sensitizing. (guinea pig) OECD Test Guideline 406, Magnusson & Kligman test

Assessment repeated dose toxicity

Imidacloprid did not cause specific target organ toxicity in experimental animal studies.

Assessment mutagenicity

Imidacloprid was not mutagenic or genotoxic based on the overall weight of evidence in a battery of in vitro and in vivo tests.

Assessment carcinogenicity

Imidacloprid was not carcinogenic in lifetime feeding studies in rats and mice.

Assessment toxicity to reproduction

Imidacloprid 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 Imidacloprid is related to parental toxicity.

Assessment developmental toxicity

Imidacloprid caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Imidacloprid are related to maternal toxicity.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)) > 1.000 mg/l
-------------------------	---

**QUICK BAYT SPRAY WG10 20X250GR BOX MDE**

7/9

Version 1 / CHI
102000008440Revision Date: 21.09.2015
Print Date: 29.02.2016

	Exposure time: 96 h
Toxicity to aquatic invertebrates	EC50 (Daphnia magna (Water flea)) 85 mg/l Exposure time: 48 h The value mentioned relates to the active ingredient imidacloprid.
	EC10 (Chironomus riparius (non-biting midge)) 2,09 µg/l Exposure time: 28 d The value mentioned relates to the active ingredient imidacloprid.
Toxicity to aquatic plants	EC50 (Desmodesmus subspicatus (green algae)) > 10 mg/l Growth rate; Exposure time: 72 h The value mentioned relates to the active ingredient imidacloprid.
12.2 Persistence and degradability	
Biodegradability	Not applicable for this mixture.
12.3 Bioaccumulative potential	
Bioaccumulation	Not applicable for this mixture.
12.4 Mobility in soil	
Mobility in soil	Not applicable for this mixture.
12.5 Results of PBT and vPvB assessment	
Not relevant as no chemical safety report is necessary.	
12.6 Other adverse effects	
Additional ecological information	No other effects to be mentioned.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant.

Contaminated packaging

Not completely emptied packagings should be disposed of as hazardous waste.

Waste key for the unused product

02 01 08* agrochemical waste containing dangerous substances (European Waste Code)

HW04 Pesticide which is out of expiry date or no longer useful (Chinese Waste Code)

SECTION 14: TRANSPORT INFORMATION**GB6944-2012**

14.1 UN number	3077
14.2 Proper shipping name	对环境有害的固态物质，未另作规定的 (吡虫啉混合物)
14.3 Transport hazard class(es)	9
14.4 Packing group	III

**QUICK BAYT SPRAY WG10 20X250GR BOX MDE**

8/9

Version 1 / CHI
102000008440Revision Date: 21.09.2015
Print Date: 29.02.2016

14.5 Environm. Hazardous Mark YES

IMDG

14.1 UN number	3077
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID MIXTURE)
14.3 Transport hazard class(es)	9
14.4 Packing group	III
14.5 Marine pollutant	YES

IATA

14.1 UN number	3077
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID MIXTURE)
14.3 Transport hazard class(es)	9
14.4 Packing group	III
14.5 Environm. Hazardous Mark	YES

14.6 Special precautions for user

See sections 6 to 8 of this Safety Data Sheet.

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

No transport in bulk according to the IBC Code.

SECTION 15: REGULATORY INFORMATION

The classification and labeling in this SDS and other management on chemicals is according to the following regulations:

Inventory of Existing Chemical Substances:

Imidacloprid: Listed

Dangerous Chemical Products:

Imidacloprid: Not listed

China Strictly Limits the Import and Export of Toxic Chemicals list:

Imidacloprid: Not listed

Occupational Disease Harm Factor Catalogue:

Imidacloprid: Not listed

Key Environmental Regulatory Hazardous Chemicals list:

Imidacloprid: Not listed

Key Regulatory Hazardous Chemicals list:

Imidacloprid: Not listed

Listing of the product is based on the current official list.

SECTION 16: OTHER INFORMATION**16.1 Indication of changes**

Revised according to the current National Standard of the Chinese regulation for compiling of safety

**QUICK BAYT SPRAY WG10 20X250GR BOX MDE**Version 1 / CHI
102000084409/9
Revision Date: 21.09.2015
Print Date: 29.02.2016

datasheets.

16.2 Abbreviations and acronyms

CAS-Nr.	Chemical Abstracts Service number
Conc.	Concentration
EC-No.	European community number
ECx	Effective concentration to x %
EINECS	European inventory of existing commercial substances
ELINCS	European list of notified chemical substances
EN	European Standard
EU	European Union
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code)
ICx	Inhibition concentration to x %
IMDG	International Maritime Dangerous Goods
LCx	Lethal concentration to x %
LDx	Lethal dose to x %
LOEC/LOEL	Lowest observed effect concentration/level
MARPOL	MARPOL: International Convention for the prevention of marine pollution from ships
N.O.S.	Not otherwise specified
NOEC/NOEL	No observed effect concentration/level
OECD	Organization for Economic Co-operation and Development
TWA	Time weighted average
UN	United Nations
WHO	World health organisation

16.3 Disclaimer

New safety data sheet according to Regulation GB16483-2008. The classification of this product is in accordance with the Chinese national standard "Safety rules for classification, precautionary labeling and precautionary statements of chemical" (GB30000.2-2013~GB30000.28-2013).

This data sheet complements the user's instructions, but does not replace them.

The information it contains is based on the knowledge available about the product concerned at the time it was compiled. Users are further reminded of the possible risks of using a product for purposes other than those for which it was intended.

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