

SAFETY DATA SHEET



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1) IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Commercial name: **QUICKBAYT® SPRAY FLY BAIT**

Usage: Insecticide

Company identification: Bayer (Pty.) Ltd.
Reg. No. 1968/011192/07
P.O. Box 143, Isando 1600
SOUTH AFRICA

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Responsible department: Product Development and Regulatory Affairs
+27 11 921 5429/5471/5639
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In case of poisoning emergencies:
Bayer (office hours only): +27 11 921 5429/5471/5639
Tygerberg Poison Centre: +27 21 931 6129
Griffon Poison Information Centre: +27 82 446 8946

2) HAZARD IDENTIFICATION OF THE PRODUCT

Risk advice to man and the environment: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3) COMPOSITION / INFORMATION ON THE INGREDIENTS

Chemical nature: Water dispersible granules (WG)
Imidacloprid 10 %

Hazardous components:

Chemical Name	CAS-No. / EC-No.	Symbol(s)	R-phrase(s)	Concentration [%]
Imidacloprid	138261-41-3 428-040-8	Xn, N	R22, R50/53	10,00
Silica, amorphe	7631-86-9 231-545-4			> 1,00

For the full text of the R-phrases mentioned in this Section, see Section 16.

4) FIRST AID MEASURES

General information: Remove patient from dangerous area.
Place and transport patient in stable position (lying sideways).
Remove contaminated clothing immediately and dispose of safely.

Skin contact: Wash skin immediately with plenty of water and soap. 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: 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.) Rinse mouth. Call a physician or poison control center immediately.

NOTES TO PHYSICIAN:

Treat symptomatically.
Monitoring of respiratory and cardiac functions.
In case of significant ingestions, perform gastric lavage only within the first 2 hours after ingestion. The application of activated charcoal (carbo medicals) and sodium sulphate is always advisable.

5) FIRE FIGHTING MEASURES

Extinguishing media: Water spray, alcohol resistant foam, carbon dioxide (CO₂), dry chemical.

Specific hazards during fire fighting: In the event of fire the following can be released:

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	Hydrogen chloride (HCl) Hydrogen cyanide (hydrocyanic acid) Carbon monoxide (CO) Nitrogen oxides (NOx)		
Special protective equipment for fire-fighters:	In the event of fire and/or explosion, do not breathe fumes. Use self-contained breathing apparatus.		
Further information:	Contain the spread of the fire-fighting media by diking area with sand or earth. Do not allow run-off from fire fighting to enter drains or water courses.		
6) ACCIDENTAL RELEASE MEASURES			
Personal precautions:	Avoid contact with spilled product or contaminated surfaces. Wear personal protective equipment. Unprotected persons must be kept away.		
Environmental precautions:	Do not allow to get into surface water, drains and ground water.		
Methods for cleaning up:	Use mechanical handling equipment. Keep in suitable, closed containers for disposal. Clean contaminated floors and objects thoroughly, observing environmental regulations.		
Additional advice:	Information regarding safe handling, see section 7. Information regarding personal protective equipment, see section 8. Information regarding waste disposal, see section 13.		
7) HANDLING AND STORAGE			
Information on safe handling:	Use only in area provided with appropriate exhaust ventilation.		
Storage:	Keep container tightly closed in a dry, cool and well-ventilated place. Store in original container. Store in a place accessible by authorised persons only.		
Advice on common storage:	Keep away from food, drink and animal feeding stuffs.		
Storage stability:	Storage temperature should not exceed 40 °C.		
Suitable materials:	HDPE (high density polyethylene). Aluminium composite film (min. 0,007 mm Aluminium).		
8) EXPOSURE CONTROLS AND PERSONAL PROTECTION			
Components with workplace control parameters:			
Components	CAS-No.	Control parameters	Basis
Imidacloprid	138261-41-3	0,7 mg/m ³	OES BCS*
*OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"			
Personal protective equipment:			
In normal use and handling conditions: Wear rubber gloves.			
In all other cases the following recommendations would apply:			
Respiratory protection: Wear respirator with a particle filter mask (protection factor 4) conforming to European norm EN149FFP1 or equivalent. 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 0,40 mm). Wash when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed. Wash hands always before eating, drinking, smoking or using the toilet.			
Eye protection: Wear goggles conforming to EN166 (Field of Use 5 or equivalent).			
Skin protection: Wear standard coverall and type 6 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.			
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.			
9) PHYSICAL AND CHEMICAL PROPERTIES			

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Form:	Granular
Colour:	White to beige
Odour:	Cheese odour
Water solubility:	Dispersible
Combustion number:	CN2 short flaring without spreading
Melting point:	181 °C
Flammability:	Not highly flammable
Ignition temperature:	345 °C
Oxidizing properties:	Not oxidising
Explosivity:	Not explosive
10) STABILITY AND REACTIVITY	
Hazardous reactions:	No hazardous reactions when stored and handled according to prescribed instructions. Stable under recommended conditions.
11) TOXICOLOGICAL INFORMATION	
Acute toxicity: Oral LD ₅₀ , rat: Dermal LD ₅₀ , rat: inhalation LD ₅₀ , rat:	> 5000 mg/kg > 5000 mg/kg > 5323 mg/l Exposure time: 4 h The value mentioned relates to the active ingredient. Tested in the form of respirable fine dust. Highest attainable concentration.
Dermal irritation, rabbit:	Non-irritant
Eye irritation, rabbit:	Non-irritant
Skin sensitisation, guinea pig:	Non-sensitising OECD Test Guideline 406, Magnusson & Kligman test
12) ECOLOGICAL INFORMATION	
Fish toxicity: LC ₅₀ :	211 mg/l (96 h); Rainbow trout (<i>Oncorhynchus mykiss</i>) The value mentioned relates to the active ingredient.
Toxicity for Daphnia: EC ₅₀ :	85 mg/l (48 h); <i>Daphnia magna</i> The value mentioned relates to the active ingredient.
Toxicity for algae: Growth rate: EC ₅₀ :	> 10 mg/l (72 h); Green algae (<i>Desmodesmus subspicatus</i>) The value mentioned relate to the active ingredient.
13) DISPOSAL CONSIDERATIONS	
Product :	Dispose of by incineration in an authorised special waste incineration plant. Comply with local legislation. For larger quantities contact manufacturer.
14) TRANSPORT INFORMATION	
UN Number:	3077
Class:	9
IMDG:	-
Ems:	F-A, S-F

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MFAG: -

Subsidiary risk: •

Packing group: III

Declaration for land shipment: 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(imidacloprid mixture)

Declaration for sea shipment: 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(imidacloprid mixture)

Declaration for shipment by air: 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(imidacloprid mixture)

Marine pollutant.

15) REGULATORY INFORMATION

Classification in accordance with the EC Directive on dangerous preparations 1999/45/EC as amended.

Classification: Hazard warning labelling compulsory.

Hazardous components which must be listed on the label: Imidacloprid

Symbol(s):

N: Dangerous for the environment.

R-phrases(s):

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s):

S35: This material and its container must be disposed of in a safe way.

S57: Use appropriate container to avoid environmental contamination.

Exceptional labelling: To avoid risks to man and the environment, comply with the instructions for use.

WHO Classification: III (Moderately hazardous)

SA Classification: IV (Acute hazard unlikely in normal use)

16) OTHER INFORMATION

Text of R-phrases mentioned in Section 3:

R22: Harmful if swallowed.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.

Consult the label for directions for use.

THIS INFORMATION CONCERNS ONLY THE PRODUCT AS CONFORMING TO ITS SPECIFICATIONS AND LIMITED TO THE USES HEREIN STATED.

This sheet complements the technical sheet of use but does not replace it. The information contained on this sheet is based on knowledge of the product on the date of publication. It is given in good faith.

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