

# SAFETY DATA SHEET



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## 1) IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Commercial name: **CONFIDOR® PINS**

Usage: Insecticide

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

Telephone: +27 11 365 8600  
+27 11 921 5911

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Responsible department: Marketing and Technical  
+27 11 921 5310/5663/5471/5639  
magdel.mellet@bayercropscience.com

In case of poisoning emergencies:  
Bayer (office hours only): +27 11 921 5310/5663/5471/5639  
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: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 3) COMPOSITION / INFORMATION ON THE INGREDIENTS

Chemical nature: Plant Rodlet (PR)  
Imidacloprid 2.5 %

### Hazardous components:

Chemical name	CAS-No./EINECS-No.	Symbol	R-phrases	Concentration (%)
Imidacloprid	138261-41-3	Xn	R22, R52	2.50
Copper(II)-sulphate pentahydrate	7758-99-8	Xn, N	R22, R36/38, R50/53	0.50

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

## 4) FIRST AID MEASURES

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

Skin Contact: Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

Ingestion: Do NOT induce vomiting. Call a physician or poison control center immediately. Rinse mouth.

General: Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.

Note to physician: Treat symptomatically.  
Monitoring of respiratory and cardiac functions.  
Gastric lavage, then charcoal (carbo medicalis) and sodium sulfate.

## 5) FIRE FIGHTING MEASURES

Suitable extinguishing media: Water spray  
Carbon dioxide (CO<sub>2</sub>)  
Foam  
Sand

Specific hazards during fire fighting: In the event of fire the following can be released:  
Hydrogen chloride (HCl)  
Hydrogen cyanide (hydrocyanic acid)  
Carbon monoxide (CO)  
Nitrous gases (NO<sub>x</sub>)

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Special protective equipment for fire fighters:	In the event of fire and/or explosion do not breathe fumes. Use breathing apparatus.
Further information:	Contain the spread of the fire-fighting media. Do not allow run-off from fire fighting to enter drains or water courses.
<b>6) ACCIDENTAL RELEASE MEASURES</b>	
Personal precautions:	Avoid contact with spilled product or contaminated surfaces. Wear personal protective equipment.
Environmental precautions:	Do not discharge into drains / surface water / groundwater.
Methods for cleaning up:	Use mechanical handling equipment. Pack spilled material in suitable containers for recovery or disposal. Clean contaminated floors and objects thoroughly, observing environmental regulations.
<b>7) HANDLING AND STORAGE</b>	
Handling:	No specific precautions required when handling unopened packs/containers.
Storage:	Store in original container. Store in a cool place and away from food and feedstuffs. Keep out of the reach of children, uninformed persons and animals.
Storage stability:	Storage temperature: < 40 °C
Suitable materials:	Polypropylene, HDPE (high density polyethylene).
<b>8) EXPOSURE CONTROLS AND PERSONAL PROTECTION</b>	
Hygiene measures:	Avoid contact with skin, eyes and clothing. Keep working clothes separately. Remove soiled clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be destroyed (burnt). Wash hands before breaks and immediately after handling the product.
<b>9) PHYSICAL AND CHEMICAL PROPERTIES</b>	
Form:	Small rod
Colour:	Beige to pale grey colour
Odour:	Slight, specific odour
Water solubility:	Not dispersible
<b>10) STABILITY AND REACTIVITY</b>	
Thermal decomposition:	From 176 °C. Heating rate: 3 K/min
Hazardous reactions:	No hazardous reactions when stored and handled according to prescribed instructions.
<b>11) TOXICOLOGICAL INFORMATION</b>	
Acute toxicity: (imidacloprid)	
LD <sub>50</sub> oral, rats:	> 2 000 mg/kg
LD <sub>50</sub> dermal, rats:	> 2 000 mg/kg
Skin irritation:	Non-irritant (rabbit)
Eye irritation:	Non-irritant (rabbit)
Sensitizing:	Non-sensitizing (mouse) OECS Test Guideline 429, local lymph node assay ((LLNA)
<b>12) ECOLOGICAL INFORMATION</b>	
Toxicity to fish: (imidacloprid)	
LC <sub>50</sub> (96 hours):	211 mg/l, Rainbow trout ( <i>Oncorhynchus mykiss</i> )
Toxicity to daphnia: (imidacloprid)	
EC <sub>50</sub> (48 hours):	85 mg/l, Water flea ( <i>Daphnia magna</i> )

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Toxicity to algae: (active ingredient)  
EC<sub>50</sub> (72 hours): Growth rate > 10 mg/l (*Desmodesmus subspicatus*)

## 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

Declaration for land shipment: Not dangerous goods  
Declaration for sea shipment: Not dangerous goods  
Declaration for shipment by air: Not dangerous goods

## 15) REGULATORY INFORMATION

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

Classification: Labelling according to EC Directives

R-phrases(s):

R52/R53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s):

S2: Keep out of the reach of children.

S13: Keep away from food, drink and animal feedingstuffs.

S20/21: When using do not eat, drink or smoke.

S61: Avoid release to the environment. Refer to special instructions/safety data sheets.

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

WHO-classification: III (Slightly 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.

R36/38: Irritating to eyes and skin.

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

R52: Harmful to aquatic organisms.

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 instructions 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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