

Material Safety Data Sheet

A09509/03

Product Name CONFIDOR 200 SC INSECTICIDE

Statement of Hazardous Nature

Not classified as hazardous according to criteria of the National Occupational Health and Safety Commission

Company Address: Bayer Australia Limited
875 Pacific Highway
PYMBLE NSW 2073

Emergency Phone 1800 033 111
(24 Hrs Toll Free)
Phone (02) 9391-6000

Identification

Product Name CONFIDOR 200 SC INSECTICIDE

Issued	8/4/1999	Supersedes	
UN No	None	Hazardous?	No
DG Class	None	Poison Schedule	S5
Sub Risk	None	Packing Group	None
		Hazchem	None
		Prod. Code	20474
		EPG No	

Uses Agricultural insecticide for the control of insect pests as specified on the product label.

Product Descriptor: CONFIDOR 200 SC

Proper Shipping Name: none

Chemical Characterisation: 200 g/L imidacloprid
1-(6-chloro-3-pyridinyl) methyl-4,5-dihydro-N-nitro-1-H-imidazole-2-amine.

Chemical Group: chloronicotinyl

Physical Description/Properties

Form: liquid (suspension concentrate)
Colour: white
Odour: slight characteristic odour
Density: 1.15 mg/mL at 20 degrees C
Vapour Pressure: 2x10⁻⁹ mbar at 20 degrees C
Solubility in Water: miscible
pH Value: 4.0-7.0
Flash Point: no flash point up to 100 degrees C
Ignition Temperature: not available
Change in Physical State: not available

Ingredients

Chemical	CAS No.	Proportion
Imidacloprid	138261-41-3	200 g/L
Emulsifiers		Low
Glycerine	56-81-5	med
Stabilisers		med
Water		to 100%

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Ingredients

Chemical

CAS No.

Proportion

Proportion (% weight/weight): low = 1-9%; med = 10-29%

Health Hazards

Health Effects

No adverse health effects are expected if this product is used in accordance with the label. Symptoms of intoxication that may arise if the product is mishandled include: apathetic state, depressed muscular tone, respiratory disturbances and trembling. Muscular cramps are also possible in severe cases of poisoning.

Chronic - Animal studies show no evidence of oncogenic effect, no evidence of carcinogenic effects and no teratogenic potential.

Swallowed

Harmful if swallowed.

Skin

Repeated skin exposure may cause irritation and allergic disorders.

Eye

May be slightly irritant to the eyes.

Inhaled

Not expected to be harmful if inhaled.

First Aid

If poisoning occurs contact a doctor or Poisons Information Centre. Seek medical advice if effects persist after first aid treatment.

Swallowed

Give plenty of water to drink. Never give anything by mouth to an unconscious person.

Skin

Remove patient's clothing and wash skin thoroughly with soap and water.

Eye

Irrigate eyes immediately with water for 15 minutes.

Inhaled

Remove patient to fresh air. Keep rested and warm.

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Health Hazards

(Continued)

Advice to Doctor

Symptomatic (nicotine-like effects). Check blood pressure and pulse rate frequently since bradycardia and hypotonia are possible. Provide supportive measures for the respiratory function and cardiac action. Give artificial respiration if signs of paralysis appear. Additional therapeutic measures involve elimination of the substance from the body or acceleration of its excretion (gastrolavage, saline laxatives).

Antidote: none known

Contraindications: Absorption promoting agents such as alcoholic beverages and milk. Oils and fats are of no special significance due to the low liposolubility of the active ingredient.

Precautions for Use

Exposure Standards

NOHSC exposure standards have not been assigned to the active ingredient nor the excipients in the formulation.

Engineering Controls

Not applicable.

Personal Protection

Avoid contact with eyes, skin and clothing during mixing/pouring operations. Ensure adequate ventilation. Do not inhale spray mist.

Personal Protective Equipment:
None required.

Industrial Hygiene:
Wash hands after use.

Flammability

Protection Against Fire:
Product is stable. Not flammable under normal conditions of use. Avoid strong oxidising agents.

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Safe Handling Information

Storage

Store in original container tightly closed in a cool, well ventilated area, out of direct sunlight. Do not store near any material intended for use or consumption by humans or animals.

Transport

Classification according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code)

Shipping name: None

Packing group: None UN No: None

DG Class: None Sub Risk: None Hazchem: None

Dangerous Goods / Hazardous Substances Regulation

This product is subject to the following regulations:

Standard for the Uniform Scheduling of Drugs and Poisons

Spills

Prevent spill from spreading or entering waterways or drains. Take up with absorbent material such as sawdust, peat or binding agent for chemicals. Fill material along with any contaminated soil etc. into sealable containers. Clean affected area with an aqueous detergent and a small amount of water. On completion of clean-up remove and wash all protective clothing and equipment with detergent and water. Any heavily contaminated clothing should be placed in a plastic garbage bag and placed in a sealable drum. Do not smoke, eat or drink during clean-up operation.

Disposal

1) After intended use:

Rinse container before disposal. Add rinsings to the spray tank. Do not dispose of undiluted chemicals on site. Break, puncture, crush and bury rinsed container in a local authority landfill (check local statutory requirements).

If not available, bury the container below 500 mm in a marked disposal pit specifically set up for this purpose, clear of waterways, vegetation and roots. Empty container and product should not be burnt.

2) After spill or accident:

Dispose of sealed containers at an approved local waste disposal site.

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Safe Handling Information

(Continued)

Fire/Explosion Hazard

Dangerous Decomposition or Combustion Products:

Thermal Decomposition:

Hazardous polymerization will not occur.

Hazardous Decomposition Products:

In the event of fire, the formation of hydrogen chloride, hydrogen cyanide, carbon monoxide and nitrogen oxides must be anticipated. Do not breathe fumes.

Hazardous Reactions: none

Extinguishing Media:

sprayed water jet, foam, extinguishing powder, carbon dioxide, and sand

Further Information:

Special firefighting procedures: Wear full protective clothing and self-contained breathing apparatus.

Other Information

Information on Toxicity

Acute LD50 oral (ingestion) - rat: 2000 mg/kg i.e. practically non-toxic

Acute LD50 dermal (skin contact) - rat: > 5000 mg/kg i.e. practically non-toxic

Acute LC50 inhalation - rat: approx. 6000 mg/cubic metre i.e. practically non-toxic

Irritation of the skin/rabbit: non-irritant (Bayer)

Irritation to the mucous membranes/rabbit: non-irritant (Bayer)

Information on Ecological Effects

Do NOT contaminate ponds, waterways or drains with the chemical or used containers.

Fish toxicity:

LC50: 237 mg/L (96h); golden orfe (*Leuciscus idus*)

LC50: 211 mg/L (96h); rainbow trout (*Salmo gairdneri*)

Dangerous to bees: Do NOT spray any plants in flower while bees are foraging.

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Contact Point (for non-emergency calls)

Product safety coordinator of Business Group: Crop Protection

Telephone Number: (02) 9391-6000

DISCLAIMER

This Material Safety Data Sheet has been developed according to the WORKSAFE/NOHSC Code of Practice.

The data, information and recommendations herein ("information") are represented in good faith and believed to be correct as of the date hereof.

The purpose of this Material Safety Data Sheet is to describe product in terms of their safety requirements.

Bayer Australia Limited makes no representation of merchantability, fitness for a particular purpose or application, or of any other nature with respect to the information or the product to which the information refers ("the product").

The information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to the use of the product.

The physical data shown herein are typical values based on the material tested. These values should not be construed as a guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots thereof.

Due care should be taken to make sure that the use or disposal of this product and/or its packaging is in compliance with relevant Federal, State and Local Government regulations.