

A18164/04/AUS**Date of Issue: NOVEMBER 22 1999****PRODUCT NAME: Premise 200 SC Termiticide****Statement of Hazardous Nature:**

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

BAYER AUSTRALIA LIMITED

875 PACIFIC HIGHWAY

PYMBLE NSW 2073

PH. (02) 9391-6000 Australia Wide, Toll Free

24H Emergency Service

EMERGENCY TEL NO: 1800 033 111

1. IDENTIFICATION**1.11 Proper Shipping Name:** Not Available**1.12 Other names:** No other names**1.13 UN Number:** None Allocated**1.14 Hazchem Code:** None Allocated**1.15 Dangerous Goods Class:** None Subsidiary Risk: None Allocated**1.16 Poisons Schedule Number:** S5**1.17 Manufacturer's Product Code:** 20478**1.18 Use:** Insecticide for the control of subterranean termites as specified on the product label.**1.2 Ingredients**

1.20 Chemical Entity	CAS No.	Proportion
Imidacloprid	138261-41-3	200 g/L
Emulsifiers	-	Low
Glycerine	56-81-1	Med
Stabilisers	-	Med
Water	-	to 100%

Chemical Characterisation:

IMIDACLOPRID 1-(6-Chloro-3-pyridinyl) methyl -4,5-dihydro-N-nitro-1-H-imidazole-2-amine.

Chemical Group: Chloro-nicotinyl

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

1.3 Physical Description / Properties**1.30 Form:** liquid (suspension concentrate)

Colour: white

Odour: slight characteristic odour
Density: 1.15g/L 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

1.5 Other Properties

1.51 Further Information:

Available container sizes: 2.5 litres

2. HEALTH HAZARD INFORMATION

2.10 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 disturbance and trembling. Muscular cramps are also possible in severe cases of poisoning.

Swallowed: Harmful if swallowed.

Skin: Repeated exposure may cause some irritation. Unlikely to be a skin sensitiser.

Eyes: May be slightly irritant to the eyes.

Inhaled: Not expected to be harmful if inhaled.

Chronic - Animal studies show no evidence of carcinogenic, mutagenic or teratogenic effects.

2.11 First Aid:

If poisoning occurs contact a doctor or Poisons Information Centre.

Phone 131126.

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.

Eyes: Irrigate eyes immediately with water for 15 minutes.

Inhaled: Remove patient to fresh air. Keep rested and warm.

2.12 Advice to Doctor:

Symptomatic (nicotine-like effects). Check blood pressure and pulse rate frequently since bradycardia and hypotension are possible. Provide supportive measures for respiratory and cardiac function. 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.

3. PRECAUTIONS FOR USE

3.1 Safety Precautions

3.10 Exposure Standards:

NOHSC exposure standards have not been established for any ingredient in this product.

3.11 Engineering Controls:

No engineering controls are required for the normal use of this product according to label.

3.2 Personal Protection

3.20 Personal Protective Measures:

Harmful if swallowed. May irritate eyes and skin. Avoid contact with eyes and skin.

3.21 Personal Protective Equipment:

When using the product wear cotton overalls buttoned to the neck and wrist a washable hat, and elbow-length PVC gloves.

3.22 Industrial Hygiene:

If clothing becomes contaminated with product or wet with spray, remove clothing immediately. If product or spray on skin, immediately wash the area with soap and water.

Wash hands after use.

After each day's use wash gloves and contaminated clothing.

3.3 Flammability**3.31 Protection Against Fire:**

Product is stable. Not flammable under normal conditions of use.

Avoid strong oxidising agents.

4. SAFE HANDLING INFORMATION**4.1 Storage and Transport****4.10 Storage:**

Store in original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight.

Keep out of reach of children.

Do not store near any material intended for use or consumption by humans or animals.

4.11 Transport:

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

Shipping name: Not Available

Packing group: None UN No: None Allocated

DG Class: None Sub Risk: None Hazchem: None

4.12 Dangerous Goods / Hazardous Substances Regulation

This product is subject to the following regulations:

- Standard for the Uniform Scheduling of Drugs and Poisons

4.13 Further Information:

No further information.

4.2 Spills and Disposals**4.21 Minimising and Clean-up of 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.

4.22 Disposal:

1) After intended use:

Triple or preferably pressure rinse container before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree

roots. Empty containers and product should not be burnt.

2) After spill or accident:

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

4.3 Fire/Explosion Hazards

4.30 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

4.31 Extinguishing Media:

Sprayed water jet, foam, extinguishing powder, carbon dioxide, and sand.

4.32 Further Information:

Special firefighting procedures: Fight fire in the early stages if safe to do so. Wear respiratory protection.

Well ventilated areas: wear full face mask with combination filter eg., ABEK-P2 (offers no protection from carbon monoxide)

Enclosed premises: wear respirator with independent air supply.

Contain firefighting water. If at all possible do not allow firefighting water to enter drains and waterways.

5. OTHER INFORMATION

5.10 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 of the mucous membranes/rabbit: non-irritant (Bayer).

5.20 Information on Ecological Effects:

Do not contaminate ponds, waterways or drains with the chemical or used containers. Dangerous to bees.

Fish toxicity:

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

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

5.30 Further Information:

No further information.

6. CONTACT POINT (for non-emergency calls)

6.10 Product safety coordinator of Bus.Group: ANIMAL HEALTH

6.20 Telephone Number: PH. (02) 9391-6000

DISCLAIMER

This Material Safety Data Sheet has been developed according to the WORKSAFE Australia/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.

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