



A18155/03/AUS

Date of issue: JULY 23 1999

PRODUCT NAME Premise Cockroach Gel

Statement of Hazardous Nature:

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

BAYER AUSTRALIA LIMITED

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PYMBLE NSW 2073

PH. (02) 9391-6000

EMERGENCY TEL. NO.:1800 033 111 24H Emergency Service Australia wide, toll free

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: Non allocated

1.17 Manufacturer's Product Code: 1018700

1.18 Use: Insecticidal bait gel for cockroach control.

1.2 Ingredients

1.20 Chemical Name	CAS No.	Proportion
Imidacloprid	138261-41-3	21.5 g/kg
Inert constituents	various	>970 g/kg

Chemical Characterisation:

IMIDACLOPRID

1-(6-Chloro-3-pyridinyl) methyl-N-nitro-2-imidazolidinimine.

Chemical Group:

Nitroimidazolidinylideneamine

1.3 Physical Description / Properties

1.30 Form:	gel
Colour:	white to beige
Odour:	slight characteristic smell
Density:	approx 1.2 kg/L
Vapour Pressure:	2×10^{-9} hPa at 20 degrees C (active constituent)
Solubility in water:	miscible
pH Value:	4.4-5.0 at 1% in water
Flash point:	no flash point up to 100 degrees C.
Ignition Temperature:	not applicable
Explosive limits:	not applicable
Partition coefficient:	$\log P$ octanol/water = 0.57

1.5 Other Properties

1.51 Further information:

No further information.

2. HEALTH HAZARD INFORMATION

2.10 Health Effects:

Symptoms of poisoning: None known.

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

Irritation of the skin/rabbit: non-irritant

Irritation of the eyes/rabbit: very slightly irritant.

Does not sensitise the skin in guinea pigs.

2.11 First Aid:

If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131126.

Following skin contact, wash skin immediately with copious amounts of soap and water.

Following eye contact rinse eyes thoroughly with water..

2.12 Advice to Doctor:

Apply basic aid and decontamination procedures. Treat symptomatically.

3. PRECAUTIONS FOR USE

3.1 Safety Precautions

3.10 Exposure Standards:

NOHSC exposure standards have not been established for imidacloprid or for any of the inert constituents of this formulation.

3.11 Engineering Controls:

No engineering controls are required in the normal use of this product.

3.2 Personal Protection

3.20 Personal Protective Measures:

May irritate the eyes. Avoid contact with eyes.

3.21 Personal Protective Equipment:

None required during normal use.

3.22 Industrial Hygiene:

Wash hands after use.

Place bait spots out of reach of children or pets.

3.3 Flammability

3.31 Protection Against Fire:

Product is not classified as flammable. Keep away from sources of ignition and strong oxidising agents as a precaution.

4. SAFE HANDLING INFORMATION

4.1 Storage and Transport

4.10 Storage:

Keep out of reach of children.

Store below 30 degrees C

Do not store in direct sunlight. Store in the closed, original carton in a cool place.

Do not destroy carton while product remains.

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:

4.13 Further Information:

No further information.

4.2 Spills and Disposals

4.21 Minimising and Clean-up of Spills:

Spillages of this product are unlikely to enter the environment due to the unit dose method of packaging. If spillage does occur, prevent spillage from spreading or entering waterways and underground drains.

Sweep up spillage and place in a sealable container.

On completion of clean-up, scrub area with detergent and water and rinse with water.

Do not smoke, eat or drink during clean-up operations.

4.22 Disposal:

1) After intended use:

Wrap used packaging in paper, place in a plastic bag and put in garbage.

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:

No information available.

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.

Make provision for product and firefighting water to be retained.

5. OTHER INFORMATION

5.10 Information on Toxicity:

Acute LD₅₀ oral - rat: >5000 mg/kg

Acute LD₅₀ dermal - rat: >5000 mg/kg, i.e. practically non-toxic

Not irritant to the eye of rabbits

Very slightly irritant to the skin of rabbits

Not skin sensitising in guinea pigs.

5.20 Information on Ecological Effects:

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

Fish toxicity: (active constituent)

LC₅₀: 237 mg/L (96h); Golden Orfe (*Leuciscus idus*)

LC₅₀: 211 mg/L (96h); Rainbow Trout (*Salmo gairdneri*)

Daphnia toxicity: (active constituent)
EC50: 0.055 mg/L (48h); Hyalella azteca

Algae toxicity: (active constituent)
IC50 (growth rate): >10 mg/L (96h); green algae (Scenedesmus subspicatus)

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. Bayer Australia Limited make 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 purposes prior to use of the product.

The physical data shown herein are typical values based on 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.