

**Bayer Environmental Science**  
**Material Safety Data Sheet**  
**Maxforce® Cockroach Gel**



Version / AUS  
10200001392

Revision Date: 26.09.2011

**SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product name: **Maxforce® Cockroach Gel**  
Other names: None  
Product code (UVP): 05938465  
Recommended use: Insecticide  
  
Chemical formulation: Bait (ready for use) (RB)  
  
Company: Bayer Environmental Science  
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**SECTION 2. HAZARDS IDENTIFICATION**

**Emergency Overview**  
NON-HAZARDOUS SUBSTANCE NON-DANGEROUS GOODS

Hazardous classification: Non-Hazardous (National Occupational Health and Safety Commission - NOHSC)  
R-phras(e)s: None allocated.  
S-phras(e)s: See sections 4, 5, 6, 7, 8, 10, 13.  
ADG Classification: Not "dangerous goods" for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. - See Section 14.  
SUSMP classification (Poison Schedule): Schedule 6 (Standard for the Uniform Scheduling of Medicines and Poisons)

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical nature: Hydramethylnon 20 g/kg

Chemical Name	CAS-No.	Concentration [%]
Hydramethylnon	67485-29-4	2.00
Oleic acid	112-80-1	> 1.00 - < 20.00
Other ingredients (non-hazardous) to 100 %		



#### SECTION 4. FIRST AID MEASURES

**If poisoning occurs, immediately contact a doctor or Poisons Information Centre (telephone 13 11 26), and follow the advice given. Show this Material Safety Data Sheet to the doctor.**

##### **Inhalation**

Move to fresh air. Keep patient warm and at rest. If symptoms persist, call a physician.

##### **Skin contact**

In case of contact with skin wash off immediately with polyethylene glycol 400, then with plenty of water. If symptoms persist, call a physician.

##### **Eye contact**

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

##### **Ingestion**

Rinse mouth. Keep at rest. Do NOT induce vomiting. Obtain medical attention.

##### **Notes to physician**

##### **Symptoms**

Local: To date no symptoms are known.

Systemic: May cause stuffy or runny nose and scratchy throat, lacrimation, lethargy, diarrhoea.

##### **Treatment**

Local treatment: Initial treatment: Symptomatic.

Systemic treatment: Initial treatment: Symptomatic.

Gastric lavage is not normally required. However, if a significant amount (more than a mouthful) has been ingested, administer activated charcoal and sodium sulphate.

There is no specific antidote.

#### SECTION 5. FIRE FIGHTING MEASURES

##### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

##### **Extinguishing media which should not be used for safety reasons**

High volume water jet.

##### **Hazards from combustion products**

Dangerous gases are evolved in the event of a fire.

##### **Precautions for fire-fighting**

In the event of fire, wear self-contained breathing apparatus.

Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure being built up due to heat.

Whenever possible, contain fire-fighting water by diking area with sand or earth.



**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

- Keep people away from and upwind of spill/leak.
- Avoid dust formation.
- Avoid contact with spilled product or contaminated surfaces.
- When dealing with a spillage do not eat, drink or smoke.

**Environmental precautions**

- Do not allow to get into surface water, drains and ground water.

**Methods for cleaning up**

- The nature of this product, when contained in commercial packs, makes spillage unlikely. However, if significant amounts are spilled nevertheless, the following advice is applicable. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
- Collect and transfer the product into a properly labelled and tightly closed container.
- Clean floors and contaminated objects with plenty of water.

**Additional advice**

- Information regarding safe handling, see section 7.
- Information regarding personal protective equipment, see section 8.
- Information regarding waste disposal, see section 13.
- Check also for any local site procedures.

**SECTION 7. HANDLING AND STORAGE**

**Handling**

Hygiene measures:

- When using, do not eat, drink or smoke.
- Remove soiled clothing immediately and clean thoroughly before using again.
- Contaminated work clothing should not be allowed out of the workplace.
- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.
- Wash hands immediately after work, if necessary take a shower.

Advice on protection against fire and explosion:

- Dust may form explosive mixture in air.

**Storage**

Requirements for storage areas and containers:

- Keep out of the reach of children.
- Store in a place accessible by authorized persons only.
- Keep away from direct sunlight.
- Keep containers tightly closed in a dry, cool and well-ventilated place.

Advice on common storage:

- Keep away from food, drink and animal feedingstuffs.

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Components with workplace control parameters**

- Not established.

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**Personal protective equipment – End user**

Hand protection: Wear rubber gloves.

**Engineering controls**

Advice on safe handling:

No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice.

Avoid dust formation.

Ensure adequate ventilation.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

Form: Gel  
Colour: Tan  
Odour: Odourless

**Safety data**

pH: No data available  
Flash point: No data available  
Ignition temperature: No data available  
Upper explosion limit: No data available  
Lower explosion limit: No data available  
Vapour pressure: No data available  
Relative vapour density: No data available  
Density: ca. 1.10 g/cm<sup>3</sup> at 20 °C  
Water solubility: Partly soluble  
Partition coefficient: n-octanol/water: No data available

**SECTION 10. STABILITY AND REACTIVITY**

Chemical stability: Stable under normal conditions.  
Conditions to avoid: Extremes of temperature and direct sunlight.  
Hazardous reactions: No hazardous reactions when stored and handled according to prescribed instructions.



**SECTION 11. TOXICOLOGICAL INFORMATION**

**Potential health effects**

Skin:	Non toxic. May be minimally irritating following prolonged direct contact.
Ingestion:	Non toxic. May be harmful if swallowed.
Acute oral toxicity:	LD <sub>50</sub> (rat) > 5,000 mg/kg
Acute dermal toxicity	LD <sub>50</sub> (rat) > 2,000 mg/kg
Skin irritation	No skin irritation (rabbit).
Eye irritation	No eye irritation (rabbit).
Sensitisation	Non-sensitizing (guinea pig). OECD Test Guideline 406, Buehler test

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity effects**

Toxicity to fish:	LC <sub>50</sub> ( <i>Oncorhynchus mykiss</i> (Rainbow trout)) 0.16 mg/L Exposure time: 96 h The value mentioned relates to the active ingredient hydramethylnon.
Toxicity to aquatic invertebrates:	EC <sub>50</sub> ( <i>Daphnia magna</i> (Water flea)) 1.14 mg/L Exposure time: 48 h The value mentioned relates to the active ingredient hydramethylnon.
Bioaccumulation:	<i>Gambusia affinis</i> (Mosquito fish) Bioconcentration factor (BCF): 95 The value mentioned relates to the active ingredient hydramethylnon.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Dispose of empty container by wrapping in paper, placing in plastic bag and putting in the garbage. DO NOT burn empty containers or product.

**SECTION 14. TRANSPORT INFORMATION**

According to national and international transport regulations not classified as dangerous goods.

**SECTION 15. REGULATORY INFORMATION**

Registered according to the Agricultural and Veterinary Chemicals Code Act 1994.

Australian Pesticides and Veterinary Medicines Authority approval number: 56626.

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See also Section 2.

**SECTION 16. OTHER INFORMATION**

**Trademark information**

Maxforce® is registered trademark of Bayer.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

END OF MSDS