

**Bayer Environmental Science**  
**Material Safety Data Sheet**  
**Maxforce® Granular Insect Bait**



Version / AUS  
102000005006

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

Product name: **Maxforce® Granular Insect Bait**  
Other names: None  
Product code (UVP): 05955440  
Recommended use: Insecticide  
  
Chemical formulation: Granular bait (GB)  
  
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-phrases: None allocated.  
S-phrases: 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 10 g/kg

| Chemical Name                              | CAS-No.    | Concentration [%] |
|--|------------|-------------------|
| Hydramethylnon                             | 67485-29-4 | 1.00              |
| 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. Call a physician or poison control center immediately.

##### Skin contact

Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water. If symptoms persist, call a physician.

##### Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.

##### Ingestion

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

##### Notes to physician

##### Treatment

Treat symptomatically.  
In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable.  
There is no specific antidote.

#### SECTION 5. FIRE FIGHTING MEASURES

##### Suitable extinguishing media

Water  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

##### Precautions for fire-fighting

Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.  
Keep out of smoke.  
Fight fire from upwind position.  
Cool closed containers exposed to fire with water spray.  
Do not allow run-off from fire fighting to enter drains or water courses.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions

Keep unauthorized people away.  
Isolate hazard area.  
Avoid contact with spilled product or contaminated surfaces.



**Environmental precautions**

Do not allow to get into surface water, drains and ground water.  
Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.  
Apply this product as specified on the label.

**Methods for cleaning up**

Collect and transfer the product into a properly labelled and tightly closed container.  
Clean contaminated floors and objects thoroughly, observing environmental regulations.

**Additional advice**

Use personal protective equipment.  
Do not allow to enter soil, waterways or waste water canal.

**SECTION 7. HANDLING AND STORAGE**

**Handling**

Hygiene measures:

Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.

Hygiene measures:

Remove Personal Protective Equipment (PPE) immediately after handling this product.  
Before removing gloves clean them with soap and water.  
Remove soiled clothing immediately and clean thoroughly before using again.  
Wash thoroughly and put on clean clothing.

Advice on protection against fire and explosion:

Keep away from heat and sources of ignition.

**Storage**

Requirements for storage areas and containers:

Store in a cool, dry place and in such a manner as to prevent cross contamination with other crop protection products, fertilizers, food, and feed.  
Store in original container and out of the reach of children, preferably in a locked storage area.

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

**Components with workplace control parameters**

Not established.  
Observe general limit for dust.

**Personal protective equipment - End user**

General advice: No special protective equipment required.

Respiratory protection: No personal respiratory protective equipment normally required.

Hand protection: Protective gloves.

Skin and body protection: Cotton overall buttoned to the neck and wrist is recommended as good practice.



**Engineering Controls**

Advice on safe handling:

Avoid dust formation.

Use only in area provided with appropriate exhaust ventilation.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

Form: Fine granules  
Colour: Brown  
Odour: No data available

**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: No data available  
Water solubility: No data available  
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.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Potential health effects:**

Skin: May cause slight irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin and clothing.  
Eye: Avoid contact with eyes.  
Ingestion: May be harmful if swallowed. Do not take internally.



|                        |  |
|------------------------|--|
| Chronic exposure:      | This product contains ingredients that are considered to be probable or suspected human carcinogens. This product or its components may have target organ effects. This product or its components may have long term (chronic) health effects. |
| Acute oral toxicity:   | LD <sub>50</sub> (rat) > 5,000 mg/kg   |
| Acute dermal toxicity: | LD <sub>50</sub> (rabbit) > 2,000 mg/kg  |
| Skin irritation:       | Slight irritation (rabbit).  |
| Eye irritation:        | No eye irritation (rabbit).  |
| Sensitisation:         | Non-sensitizing (guinea pig).  |

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity effects**

|                                    |   |
|------------------------------------|---|
| Toxicity to fish:                  | LC <sub>50</sub> ( <i>Lepomis macrochirus</i> (Bluegill sunfish)) 1.7 mg/L<br>Exposure time: 96 h<br>The value mentioned relates to the active ingredient hydramethylnon. |
| Toxicity to fish:                  | LC <sub>50</sub> ( <i>Oncorhynchus mykiss</i> (Rainbow trout)) 0.16 mg/L<br>Exposure time: 96 h<br>The value mentioned relates to the active ingredient hydramethylnon.   |
| Toxicity to aquatic invertebrates: | LC <sub>50</sub> ( <i>Daphnia magna</i> (Water flea)) 1.14 mg/L<br>Exposure time: 48 h<br>The value mentioned relates to the active ingredient hydramethylnon.            |
| Toxicity to other organisms:       | LD <sub>50</sub> ( <i>Anas platyrhynchos</i> (Mallard duck)) > 2,510 mg/kg<br>The value mentioned relates to the active ingredient hydramethylnon.                        |
| Toxicity to other organisms:       | LD <sub>50</sub> ( <i>Colinus virginianus</i> (Bobwhite quail)) 1,828 mg/kg<br>The value mentioned relates to the active ingredient hydramethylnon.                       |
| Toxicity to other organisms:       | <i>Apis mellifera</i> (bees) 0.03 mg/bee<br>The value mentioned relates to the active ingredient hydramethylnon.<br>Non-hazardous for bees.                               |

**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: 56627

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