

Bayer Environmental Science
Safety Data Sheet
Maxforce® Complete Granular Insect Bait



Version / AUS
10200005006

Revision Date: 29.08.2012

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **Maxforce® Complete Granular Insect Bait**
Other names: Maxforce® Ganular Insect Bait
Product code (UVP): 79695888
Recommended use: Insecticide

Chemical formulation: Granular bait (GB)

Company: Bayer CropScience Pty. Ltd.
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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
Oleic acid	112-80-1	2.31
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 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
Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical

Hazards from combustion products

Dangerous gases are evolved in the event of a fire.

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 apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.
- 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

- Avoid dust formation.
- Sweep up or vacuum up spillage and collect in suitable container for disposal.
- 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:

- Dust may form explosive mixture in air.

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.

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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:	No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice. Avoid dust formation. Use only in area provided with appropriate exhaust ventilation.
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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form:	Granules
Colour:	Yellow-brown to 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.



Hazardous reactions

No hazardous reactions when stored and handled according to prescribed instructions.

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.

Animal toxicity studies

Acute oral toxicity: LD₅₀ (rat) > 5,000 mg/kg

Acute dermal toxicity: LD₅₀ (rabbit) > 2,000 mg/kg

Skin irritation: Slight irritation (rabbit).

Eye irritation: No eye irritation (rabbit).

Sensitisation: Non-sensitizing (guinea pig).

Chronic toxicity

Hydramethylnon caused testicular and/or lung effects in chronic studies in mice, rats and dogs.

Assessment carcinogenicity

Hydramethylnon did not exhibit a consistent carcinogenic potential when tested in lifetime feeding studies on rats and mice.

Reproductive toxicity

Reproduction: Hydramethylnon is a reproductive toxicant at doses producing systemic toxicity.
Developmental toxicity: Hydramethylnon was not a primary developmental toxicant in rats and rabbits. Developmental effects were observed but were considered secondary to maternal toxicity.
Hydramethylnon caused testicular damage and male infertility.

Neurotoxicity

No data available.

Mutagenicity

Hydramethylnon was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish: LC₅₀ (*Oncorhynchus mykiss* (Rainbow trout)) 0.16 mg/L
Exposure time: 96 h
The value mentioned relates to the active ingredient hydramethylnon.



Toxicity to aquatic invertebrates:	EC ₅₀ (<i>Daphnia magna</i> (Water flea)) 1.14 mg/L Exposure time: 48 h The value mentioned relates to the active ingredient hydramethylnon.
Toxicity to aquatic plants:	EC ₅₀ (<i>Selenastrum capricornutum</i>) 0.005 - 0.018 mg/L Exposure time: 72 h The value mentioned relates to the active ingredient hydramethylnon.
Biodegradability	Not readily biodegradable. 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

Triple or preferably pressure rinse containers before disposal. Dispose of rinsings in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory Government Regulations. 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 the Bayer Group.

This SDS 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 SDS and consider the information in the context of how the product will be handled and used

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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.

Reasons for change: Name changed from Maxforce Granular Insect Bait to Maxforce Complete Granular Insect Bait.
Changed from MSDS to SDS.

END OF SDS