

SAFETY DATA SHEET



Publication date: 30 October 2000 Sheet number: BES/SA0064 Revised on: 1 September 2011 Revision number: 7

1) IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Commercial name: **MAXFORCE® ANT BAIT GRANULES**

Usage: Insecticide

Company identification: Bayer (Pty.) Ltd.
Reg. No. 1968/011192/07
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Responsible department: Product Development and Regulatory Affairs
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Bayer (office hours only): +27 11 921 5429/5471/5639
Tygerberg Poison Centre: +27 21 931 6129
Griffon Poison Information Centre: +27 82 446 8946

2) HAZARD IDENTIFICATION OF THE PRODUCT

Risk advice to man and the environment: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3) COMPOSITION / INFORMATION ON THE INGREDIENTS

Chemical nature: Bait (ready for use) (RB)
Hydramethylnon 1 % w/w RB

Hazardous components:

Chemical Name	CAS-No. / EINECS-No.	Symbol(s)	R-phrase(s)	Concentration [%]
Hydramethylnon	67485-29-4	T, N	R22, R36, R48/25, R50/53	1,00

For the full text of the R-phrases mentioned in this Section, see Section 16.

4) FIRST AID MEASURES

General advice: The nature of this product, when contained in commercial packs, makes spillage unlikely. However, if significant amounts are spilled then the following advice is applicable.

Inhalation: Move to fresh air. Keep patient warm and at rest. 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: Obtain medical attention. Do NOT induce vomiting. Rinse mouth. Keep at rest.

NOTES TO PHYSICIAN:

Symptoms: Local: To date no symptoms are known.
Systemic: To date no symptoms are known.

Treatment: Local treatment: Symptomatic.
Systemic treatment: Symptomatic.

5) FIRE FIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Extinguishing media which must not be used for safety reasons: High volume water jet.

Specific hazards during fire fighting: Dangerous gases are evolved in the event of a fire.

Special protective equipment for fire-fighters: In the event of fire and/or explosion do not breathe fumes.

SAFETY DATA SHEET



Further information:	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.
6) ACCIDENTAL RELEASE MEASURES	
Personal precautions:	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 then the following advice is applicable. 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.
7) HANDLING AND STORAGE	
Handling:	No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice. Use only in area provided with appropriate exhaust ventilation.
Advice on protection against fire and explosion:	Dust may form explosive mixtures with air.
Storage:	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. Keep away from food, drink and animal feedingstuffs.
Storage stability:	Storage temperature should ideally lie between 0 and 30 °C, however, storage for two weeks at 54 °C has shown no adverse effects regarding product safety or stability.
Suitable materials:	Store in original container.
8) EXPOSURE CONTROLS AND PERSONAL PROTECTION	
Personal protective equipment:	In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.
Respiratory protection:	No personal respiratory protective equipment normally required. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.
Hand protection:	Wear CE marked (or equivalent) nitrile rubber gloves (minimum thickness 0,40 mm). Wash when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed. Wash hands always before eating, drinking, smoking or using the toilet.
Eye protection:	Wear goggles conforming to EN166 (Field of Use 5 or equivalent).
Skin and body protection:	Wear standard coverall and type 5 suit. Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.
Hygiene measures:	When using, do not eat, drink or smoke. Remove soiled clothing immediately and clean thoroughly before using again. Wash hands immediately after work, if necessary take a shower.
9) PHYSICAL AND CHEMICAL PROPERTIES	
Form:	Granules
Colour:	Yellow-brown to brown
Density:	0,50-0,56 g/cm ³

SAFETY DATA SHEET



10) STABILITY AND REACTIVITY

Conditions to avoid: Extremes of temperature and direct sunlight.

Hazardous reactions: No hazardous reactions when stored and handled according to prescribed instructions.
Stable under normal conditions.

11) TOXICOLOGICAL INFORMATION

Acute toxicity:
LD₅₀ oral, rat: > 5 000 mg/kg
LD₅₀ dermal, rabbit: > 2 000 mg/kg

Skin irritation, rabbit: Slight irritant effect - does not require labelling

Eye irritation, rabbit: No eye irritation

Skin sensitization, guinea pig: Non-sensitizing

12) ECOLOGICAL INFORMATION

Elimination information (persistence and degradability):
Bioaccumulation: Bioconcentration factor (BCF): 95 Mosquito fish (*Gambusia affinis*)
The value mentioned relates to the active ingredient hydramethylnon.

Toxicity to fish:
LC₅₀: 0,16 mg/l Rainbow trout (*Oncorhynchus mykiss*)
Exposure time: 96 h
The value mentioned relates to the active ingredient hydramethylnon.

Toxicity to daphnia:
EC₅₀: 1,14 mg/l Water flea (*Daphnia magna*)
Exposure time: 48 h
The value mentioned relates to the active ingredient hydramethylnon.

13) DISPOSAL CONSIDERATIONS

Product: In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant.

Contaminated packaging: Triple rinse containers.
Do not re-use empty containers.
Not completely emptied packagings should be disposed of as hazardous waste.

14) TRANSPORT INFORMATION

ADNR: Not dangerous goods
ADR: Not dangerous goods
GGVE: Not dangerous goods
GGVS: Not dangerous goods
IATA_C: Not dangerous goods
IATA_P: Not dangerous goods
IMDG: Not dangerous goods
RID: Not dangerous goods

15) REGULATORY INFORMATION

Classification and labelling in accordance with the EC Directive on dangerous preparations 1999/45/EC as amended.

Classification: Labelling according to EC Directives

Hazardous components which must be listed on the label: Hydramethylnon.

R-phrases):
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Exceptional labelling: To avoid risks to man and the environment, comply with the instructions for use.

WHO Classification: III (Slightly hazardous).

16) OTHER INFORMATION

Text of R phrases mentioned in Section 3:

SAFETY DATA SHEET



R22: Harmful if swallowed.

R36: Irritating to eyes.

R48/25: Toxic: danger of serious damage to health by prolonged exposure if swallowed.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.

Consult the label for directions for use.

THIS INFORMATION CONCERNS ONLY THE PRODUCT AS CONFORMING TO ITS SPECIFICATIONS AND LIMITED TO THE USES HEREIN STATED.

This sheet complements the technical sheet of use but does not replace it. The information contained on this sheet is based on knowledge of the product on the date of publication. It is given in good faith.

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