

Bayer Environmental Science

Material Safety Data Sheet

Maxforce® Liquid Ant Bait



Version 1 / AUS
102000017015

Revision Date: 23.03.2012
Print Date: 23.03.2012

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name Maxforce® Liquid Ant Bait
Other names none
Product code (UVP) 79028229
Recommended use Insecticide
Chemical Formulation Contact liquid or gel (CL)
Company Bayer Environmental Science
A Business Operation of Bayer CropScience Pty Ltd
ABN 87 000 226 022
391-393 Tooronga Road, East Hawthorn
Victoria 3123, Australia
Telephone (03) 9248 6888
Technical Information Service 1800 804 479
Facsimile (03) 9248 6800
Website www.bayeres.com.au
Contact (03) 9248 6888 Technical Manager
Emergency telephone no. 1800 033 111 Orica SH&E Shared Services

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, 12, 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) Exempt (Standard for the Uniform Scheduling of Medicines and Poisons)

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature
Imidacloprid 0.05g/l

Chemical Name	CAS-No.	Concentration [%]
Imidacloprid	138261-41-3	0.006
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.

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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. If eye irritation or redness persists, see an ophthalmologist.

Ingestion

Rinse out mouth and give water in small sips to drink. Never give anything by mouth to an unconscious person.

Notes to physician

Symptoms

If large amounts are ingested, the following symptoms may occur: Apathy, Respiratory disorder, Trembling

Treatment

Treat symptomatically.
Monitor: respiratory and cardiac functions.
Oxygen or artificial respiration if needed.
Gastric lavage is not normally required. However, if a significant amount (more than a mouthful) has been ingested, administer activated charcoal and sodium sulphate.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Water spray
Foam
Carbon dioxide (CO₂)
Sand

Hazards from combustion products

In the event of fire the following may be released:
Hydrogen chloride (HCl)
Hydrogen cyanide (hydrocyanic acid)
Carbon monoxide (CO)
Nitrogen oxides (NO_x)

Precautions for fire-fighting

Wear self-contained breathing apparatus and protective suit.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions

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

Collect and transfer the product into a properly labelled and tightly closed container.

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.

Storage



Requirements for storage areas and containers
Keep out of the reach of children.
Keep containers tightly closed in a dry, cool and well-ventilated place.
Keep away from direct sunlight.
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.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment - End user

General advice No special protective equipment required.

Engineering Controls

Advice on safe handling
Avoid contact with skin, eyes and clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	slightly viscous
Form	liquid, clear
Colour	colourless
Odour	slightly perceptible

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. 1.34 g/cm ³ at 20 °C
Water solubility	no data available
Partition coefficient: n-octanol/water	no data available

SECTION 10. STABILITY AND REACTIVITY

Materials to avoid	Strong oxidizing agents
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Hazardous Decomposition Products	Thermal decomposition can lead to release of: Hydrogen chloride (HCl) Hydrogen cyanide (hydrocyanic acid) Carbon monoxide Nitrogen oxides (NOx)
Hazardous reactions	No dangerous reaction known under conditions of normal use.

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects

Inhalation	Inhalation not likely.
skin	No skin irritation
Eye	No eye irritation
Ingestion	No specific effects on humans are known under normal use conditions. Ingestion of large amounts may be harmful (see Signs and Symptoms).
Acute oral toxicity	LD50 (rat) > 5,000 mg/kg The data refer to naphthalene.
Acute inhalation toxicity	LC50 (rat) 10 mg/l Exposure time: 4 h Data refer to main components.
Acute dermal toxicity	LD50 (rat) > 5,000 mg/kg Data refer to main components.
Skin irritation	No skin irritation
Eye irritation	No eye irritation

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish	LC50 (Rainbow trout (<i>Oncorhynchus mykiss</i>)) 211 mg/l Exposure time: 96 h The value mentioned relates to the active ingredient imidacloprid.
Toxicity to aquatic invertebrates	EC50 (Water flea (<i>Daphnia magna</i>)) 85 mg/l Exposure time: 48 h The value mentioned relates to the active ingredient imidacloprid.
Toxicity to aquatic invertebrates	LC50 (<i>Chironomus riparius</i> (non-biting midge)) 0.0552 mg/l Exposure time: 24 h The value mentioned relates to the active ingredient imidacloprid.
Toxicity to aquatic plants	EC50 (<i>Desmodium subspicatus</i>) > 10 mg/l Growth rate Exposure time: 72 h The value mentioned relates to the active ingredient imidacloprid.



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: 60885

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