

Safety Data Sheet

Version: 3.0
Date / Revised: 15.06.2015

PHANTOM® INSECTICIDE

Date of Print: 15.06.2015

1. Substance/preparation and company identification

PHANTOM® INSECTICIDE

Use: Insecticide for the control of cockroaches, ants, bed bugs, spiders, saw-toothed grain beetles and confused flour beetles in various situations.

Manufacturer / supplier:
BASF Australia Limited (ABN 62 008 437 867)
Level 12, 28 Freshwater Place
Southbank VIC 3006
AUSTRALIA
Telephone: +61-3-8855 6600
Telefax: +61-3-8855 6511

Emergency information (24 h):
Within Australia: 1800 803 440
Outside Australia: +61 3 8855 6666

2. Hazards Identification

HAZARDOUS SUBSTANCE – DANGEROUS GOODS

Harmful if swallowed.
Toxic by inhalation.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Keep locked-up and out of reach of children.
Keep away from food, drink and animal feeding stuffs.
When using do not eat, drink or smoke.
Do not empty into drains, this material and its container must be disposed of in a safe way.
In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Use appropriate container to avoid environmental contamination.
In case of accident by inhalation: remove casualty to fresh air and keep at rest.

GHS CLASSIFICATION

DANGER

Acute toxicity – oral – Category 4
Acute toxicity – inhalation – Category 3
Skin corrosion/irritation – Category 3
Acute hazard to the aquatic environment – Category 1
Chronic hazard to the aquatic environment - Category 1





We create chemistry

Safety Data Sheet

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Hazard statements

Causes mild skin irritation.
Toxic if inhaled.
Harmful if swallowed.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.

Precautionary statements (Prevention)

Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Avoid breathing mist.
Do not eat, drink or smoke when using this product.
Wash with plenty of water and soap thoroughly after handling.

Precautionary statements (Response)

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor/physician.
Rinse mouth.
Collect spillage.

Precautionary statements (Storage)

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Precautionary statements (Disposal)

Dispose of contents/container to hazardous or special waste collection point.

3. Composition/Information on Ingredients

Chemical nature:

Insecticide formulation (suspension concentrate)

Hazardous ingredients:

Chlorfenapyr

Content (W/W): 21.4 %
CAS Number: 122453-73-0
Hazard symbol: T, N
R-phrases: 22, 23, 50/53

4. First-Aid Measures



We create chemistry

Safety Data Sheet

Version: 3.0
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General advice:

Avoid contact with the skin, eyes and clothing. Remove contaminated clothing. If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 13 11 26. Show container, label and/or safety data sheet to the doctor.

If inhaled:

Keep patient calm, remove to fresh air. Seek medical attention.

On skin contact:

After contact with skin, wash immediately with plenty of water and soap. If irritation develops, seek medical attention.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Rinse mouth immediately and then drink plenty of water. Seek medical attention. Never induce vomiting or give anything by mouth if the patient is unconscious or having convulsions.

Note to physician:

Treatment: Symptomatic treatment (decontamination, vital functions). No known specific antidote. This product belongs to the pyrrole group of chemicals.

5. Fire-Fighting Measures

Suitable extinguishing media:

Water spray, carbon dioxide, foam.

Specific hazards:

The following substances can be released in a fire: carbon monoxide, carbon dioxide, hydrogen chloride, nitrogen oxides.

Special protective equipment in the event of fire:

Wear self-contained breathing apparatus and chemical protective clothing.

Further information:

In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately and do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Remove contaminated clothes, undergarments and shoes immediately.

Environmental precautions:

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

Safety Data Sheet

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Methods for cleaning-up or taking-up:

Wipe up spills with paper towels or cloth and dispose in accordance with regulations. Collect waste in suitable containers, which can be labelled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

7. Handling and Storage

Handling

No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using, do not eat, drink or smoke. Avoid contact with eyes and skin. DO NOT inhale spray mist. Hands and/or face should be washed before breaks and at the end of the shift. DANGEROUS TO FISH. Cover or remove bird cages or fish tanks during spraying. DO NOT contaminate water courses, ponds, wetlands, reserves or parks with product or used containers. Do not spray pet food, water bowls and containers.

Protection against fire and explosion:

No special precautions necessary. The product is not combustible or explosive.

Storage:

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT store in low temperatures. The product can crystallise if stored below 0°C. Keep away from heat. If stored above 40°C, changes in the properties of the product may occur. Protect against moisture. Protect from direct sunlight.

8. Exposure Controls and Personal Protection

Exposure limit values

No workplace exposure standard is applicable for this product.

Respiratory protection:

Wear a half-face piece respirator when opening the container and preparing the spray.

Hand protection:

Elbow-length chemical resistant gloves, e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) or similar.

Eye protection:

Required when there is a risk of eye contact, e.g. safety glasses with side-shields.

Body protection:

Cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat.

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin, eyes and clothing. Wearing of closed work clothing (e.g. cotton overalls) is recommended. Remove immediately all contaminated clothing. Store work clothing separately. Keep away from food, drink and animal feeding stuffs. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, contaminated clothing and respirator and if rubber, wash with detergent and warm water.

Safety Data Sheet

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9. Physical and Chemical Properties

| | |
|------------------------|--|
| Form: | liquid |
| Colour: | white to light brown |
| Odour: | sweetish |
| pH value: | approx. 6.9 (2%, 20°C) |
| Boiling point: | approx. 100°C (1013 mbar - solvent) |
| Melting range: | approx. 0°C (1013.3 hPa - solvent) |
| Flash point: | no flash point |
| Lower explosion limit: | not applicable |
| Upper explosion limit: | not applicable |
| Explosion hazard: | not explosive |
| Self ignition: | product does not ignite |
| Vapour pressure: | approx. 23.3 hPa (20°C - solvent) |
| Density: | 1.1144 – 1.1631 g/cm ³ (20°C) |
| Solubility in water: | dispersible |
| Solubility: | not available for other media |
| Surface tension: | 43.7 mN/m (20°C; 1 g/l) |
| | (OECD Guideline 115, Plate method) |
| Viscosity | not available |
| Evaporation rate: | not available |

10. Stability and Reactivity

Conditions to avoid:

Keep away from heat. Protect from direct sunlight.

Thermal decomposition:

No decomposition if stored and handled as per the directions on the label.

Materials to avoid:

None identified.

Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.

Hazardous decomposition products:

No hazardous decomposition product when stored and handled according to instructions.

11. Toxicological Information

Acute toxicity

LD50 rat (oral): 560 – 567 mg/kg

LC50 rat (by inhalation): 0.571 mg/l/4 h (OECD Guideline 403) – an aerosol was tested

LD50 rabbit (dermal): > 2000 mg/kg



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Safety Data Sheet

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Irritation

Primary skin irritation (rabbit): non-irritant

Primary irritations of the mucous membranes (rabbit): non-irritant

Sensitization

Modified Buehler Test (guinea pig): skin sensitising effects were not observed in animal studies (OECD Guideline 406)

Other relevant toxicity information:

Misuse can be harmful to health. Harmful if absorbed by skin contact or inhaled or swallowed. May irritate the nose and throat. Will irritate the eyes and skin. Avoid contact with eyes and skin. DO NOT inhale spray mist.

12. Ecological Information

Ecotoxicity

Toxicity to fish:
LC50 (96 h): 0.0239 mg/l, *Oncorhynchus mykiss* (Flow through)

Toxicity to aquatic invertebrates:
EC50 (48 h): 0.012 mg/l, *Daphnia magna* (static)

Toxicity to aquatic plants:
EC50 (72 h): 4.09 mg/l, *Selenastrum capricornutum* (OECD Guideline 201)

Persistence and degradability

Assessment biodegradation and elimination (H₂O):
Not readily biodegradable (by OECD criteria).

Additional information

Other ecotoxicological advice:
Do not discharge product into the environment without control.

13. Disposal Considerations

Waste disposal of substance:

Dispose of in accordance with relevant local, state or territory government regulations. Do not incinerate product.



We create chemistry

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Contaminated packaging:

Triple or (preferably) pressure rinse containers before disposal. Add rinsings to the spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

14. Transport Information

Domestic transport (ADG):

Hazard Class: 9
ID Number: UN 3082
Packing Group: III
Hazard Label: 9, EHSM
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains CHLORFENAPYR)
Hazchem Code: 3Z

Sea transport (IMDG):

Hazard Class: 9
ID Number: UN 3082
Packing Group: III
Hazard Label: 9, EHSM
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains CHLORFENAPYR)
Marine Pollutant: YES

Air transport (ICAO/IATA):

Hazard Class: 9
ID Number: UN 3082
Packing Group: III
Hazard Label: 9, EHSM
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains CHLORFENAPYR)

Further information:

Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subjected to the Australian Dangerous Goods Code when transported by road or rail in packaging not exceeding 500 KG or 500 L.

15. Regulatory Information

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP)

Poisons Schedule: Schedule 6

Registration status

APVMA Approval Number 63575/53933



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16. Other Information

For proper and safe use of this product, please refer to the approval conditions laid down on the product label.

Full Text of hazard symbols and R-phrases if mentioned as hazardous components in Section 3:

| | |
|-------|--|
| T | Toxic |
| N | Dangerous for the environment |
| 22 | Harmful if swallowed. |
| 23 | Toxic by inhalation. |
| 50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.