

Safety Data Sheet

Version: 1.0
Date / Revised: 02.12.2014PHANTOM[®] PRESSURISED INSECTICIDE

Date of Print: 02.12.2014

1. Identification of the Substance/Preparation and of the Company/Undertaking

PHANTOM[®] PRESSURISED INSECTICIDE

Use: Insecticide for the control of ants, cockroaches, bed bugs, mosquitoes, stored grain pests, pill bugs, house crickets, web-spinning spiders and Indian meal moth in domestic, commercial and public buildings.

Company:

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:

BASF Emergency Advice Number: 1800 803 440 (24 h) [within Australia]
BASF Emergency Advice Number: +61 3 8855 6666 [outside Australia]

2. Hazards Identification

NON-HAZARDOUS SUBSTANCE. DANGEROUS GOODS.

Extremely flammable

Keep out of reach of children.

Keep away from food, drink and animal feeding stuffs.

Keep away from sources of ignition – No smoking.

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.

If swallowed, seek medical advice immediately and show this container or label.

Use appropriate container to avoid environmental contamination.

Container is under pressure. Protect from sun and temperatures above 50°C. Do not open with force or incinerate even after use. Do not spray into flames or onto glowing objects.

3. Composition/Information on Ingredients

Chemical nature:

Insecticide.

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Hazardous ingredients:

Chlorfenapyr

Content (W/W): 0.5 %
CAS Number: 122453-73-0
Hazard symbol(s): T, N
R-phrases: 22, 23, 50/53

Acetone

Content (W/W): < 50 %
CAS Number: 67-64-1
Hazard symbol(s): F, Xi
R-phrases: 11, 36, 66, 67

Dimethyl ether

Content (W/W): < 20 %
CAS Number: 115-10-6
Hazard symbol(s): F+
R-phrases: 12

The wording of the hazard symbols and R-phrases is specified in Section 16 if hazardous components are mentioned.

4. First-aid Measures

General advice:

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

If inhaled:

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

On skin contact:

After contact with skin, wash immediately with plenty of soap and water.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. Consult an eye specialist.

On ingestion:

Immediately rinse mouth and then drink plenty of 200 – 300 ml of water. Seek medical attention.

Note to physician:

Hazards: Danger of drowsiness and dizziness. Further symptoms and effects are so far not known.
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-fighting Measures

Suitable extinguishing media:

Water spray, carbon dioxide, foam, dry powder.

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6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Do not breathe vapour / spray.

Environmental precautions:

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

Methods for cleaning-up or taking-up:

Clean up spills with a paper towel, disposal towel or cloth. Clean contaminated floors, surfaces and objects thoroughly with water and detergents.

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. Hands and/or face should be washed before breaks and at the end of the shift.

Protection against fire and explosion:

Avoid all sources of ignition: heat, sparks, open flame. Vapours may form ignitable mixture with air. Prevent electrostatic charge – sources of ignition should be kept well clear. Fire extinguishers should be kept handy. Avoid extreme heat.

Storage:

Segregate from foods and animal feeds. Keep away from heat. Protect from direct sunlight. Keep at temperature not exceeding 50°C. Keep out of reach of children. Keep only in the original container in a cool, dry and well-ventilated place away from ignition sources, heat or flame.

8. Exposure Controls and Personal Protection

Exposure limit values

Acetone: TWA: 500 ppm (1185 mg/m³); STEL 1000 ppm (2375 mg/m³)
Dimethyl ether: TWA: 400 ppm (760 mg/m³); STEL 500 ppm (950 mg/m³)

Respiratory protection:

Not required.

Hand protection:

Use elbow length chemical resistant gloves.

Eye protection:

Not required.

Body protection:

Wear cotton overalls over normal clothing buttoned to the neck and wrists and a washable hat.

General safety and hygiene measures:

Wash hands after use. Wash gloves and contaminated clothing after each day of use. Avoid contact with the skin, eyes and clothing. Keep away from food, drink and animal feeding stuffs. Store work clothing separately.

9. Physical and Chemical Properties

Form: liquid, aerosol

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Colour:	clear	
Odour:	solvent-like	
pH value:	approx. 6 – 8 (approx. 20°C)	
Boiling point:	approx. 56°C (solvent)	
Melting range:	not tested	
Flash point:	< -28°C	(Directive 92/69/EEC, A.9)
Lower explosion limit:	not determined	
Upper explosion limit:	not determined	
Explosion hazard:	not explosive	
Self ignition:	530°C	(Regulation 440/2208/EC, A.15)
Vapour pressure:	approx. 7 bar (20°C)	
Density:	approx. 0.94 g/cm ³ (approx. 20°C)	
Solubility in water:	miscible	
Relative vapour density	not determined	
Partition coefficient:	not applicable	
Viscosity, dynamic:	not determined	

10. Stability and Reactivity

Chemical stability:

The product is stable if stored and handled as prescribed / indicated.

Substances to avoid:

Strong bases, strong acids, strong oxidizing agents.

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed / indicated.

Hazardous reactions:

No hazardous reactions if stored and handled as prescribed / indicated.

11. Toxicological Information

Acute toxicity

Assessment of acute toxicity:

Virtually non-toxic after a single ingestion. Virtually non-toxic after a single skin contact. Virtually non-toxic by inhalation.

LD50 rat (oral): > 5000 mg/kg (OECD Guideline 425)

LC50 rat (inhalation): > 2.11 mg/l/4 h (OECD Guideline 403)
No mortality was observed. An aerosol was tested.

LD50 rat (dermal): > 5000 mg/kg (OECD Guideline 402)

Irritation

Assessment of irritating effects:

Not irritating to the skin. Not irritating to the eyes.

Primary skin irritation: non-irritant (OECD Guideline 404)

Primary irritations of the mucous membranes: non-irritant (OECD Guideline 405)

Assessment of other acute effects

Possible narcotic effects (drowsiness or dizziness)

Sensitization

Assessment of sensitization:

The product has not been tested. The statement has been derived from the properties of the individual components. There is no evidence of a skin-sensitizing potential.

Buehler test guinea pig: Skin sensitizing effects were not observed in animal studies.

Information on Chlorfenapyr:

Guinea pig maximization test: non-sensitizing (OECD Guideline 406)

Repeated dose toxicity

Assessment of repeated dose toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on acetone:

Assessment of repeated dose toxicity:

The substance may cause damage to the testes after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the haematological system after repeated ingestion of high doses. The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.

Genetic toxicity

Assessment of mutagenicity:

The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.

Carcinogenicity

Assessment of carcinogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components. The results of various animal studies gave no indication of a carcinogenic effect.

Reproductive toxicity

Assessment of reproduction toxicity:

The product has not been tested. The statement has been derived from the properties of individual components.

Information on acetone:

As shown in animal studies, the product may cause damage to the testes after repeated high exposures that cause other toxic effects.

Developmental toxicity

Assessment of teratogenicity:

The product has not been tested. The statement has been derived from the properties of individual components. Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

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Additional information:

Misuse can be harmful to health. Deliberately sniffing or inhaling concentrated spray can be harmful or fatal.

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on Chlorfenapyr

Toxicity to fish:

LC50 (96 h) 0.00744 mg/l, *Oncorhynchus mykiss* (Directive 84/449/EEC, C.1, Flow through)

Toxicity to aquatic invertebrates:

EC50 (96 h) 0.00203 mg/l, *Mysidopsis bahia* (Directive 84/449/EEC, C.2)

Toxicity to aquatic plants:

EC50 (72 h) 0.132 mg/l, *Pseudokirchneriella subcapitata* (OECD Guideline 201)

Mobility

Assessment transport between environmental compartments:

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on Chlorfenapyr:

Assessment transport between environmental compartments:

Following exposure to soil, adsorption to solid soil particles is probable; therefore, contamination of groundwater is not expected.

Persistence and degradability:

Assessment biodegradation and elimination (H₂O):

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on Chlorfenapyr

Not readily biodegradable (by OECD criteria).

Bioaccumulation potential

Assessment bioaccumulation potential:

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on Chlorfenapyr

Accumulation in organisms is not to be expected.

Additional information:

Do not discharge product into the environment without control. Dangerous to fish. Cover or remove bird cages or fish tanks during spraying. Dangerous to bees. DO NOT spray any plants in flower while bees are foraging.

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13. Disposal Considerations

DO NOT puncture or incinerate this can even when empty.

Disposal of packaging:

Recycle empty cans if a facility is available or place used can in household rubbish. DO NOT contaminate watercourses, ponds, wetlands, reserves or parks with product or used containers.

14. Transport Information

Domestic transport (ADG):

Hazard Class: 2.1
ID Number: UN 1950
Hazard Label: 2.1, EHSM
Proper Shipping Name: AEROSOLS (contains ACETONE/DIMETHYL KETONE, CHLORFENAPYR)
Hazchem Code: 2YE

Sea transport (IMDG):

Hazard Class: 2.1
ID Number: UN 1950
Hazard Label: 2.1, EHSM
Proper Shipping Name: AEROSOLS (contains ACETONE/DIMETHYL KETONE, CHLORFENAPYR)
Marine Pollutant: YES

Air transport (ICAO/IATA):

Hazard Class: 2.1
ID Number: UN 1950
Hazard Label: 2.1
Proper Shipping Name: AEROSOLS, FLAMMABLE (contains ACETONE/DIMETHYL KETONE, CHLORFENAPYR)

15. Regulatory Information

Poisons Schedule: Schedule 5

Labelling:

Hazard symbols
F+ Extremely flammable

R-phrases(s)
R12 Extremely flammable.

S-phrases(s)
S2 Keep out of the reach of children
S13 keep away from food, drink and animal feeding stuffs.
S16 Keep away from sources of ignition – No smoking.

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S20/21	When using do not eat, drink or smoke.
S29	Do not empty into drains.
S35	This material and its container must be disposed of in a safe way.
S46	If swallowed, seek medical advice immediately and show this container or label.
S57	Use appropriate container to avoid environmental contamination.

Registration status

APVMA Approval Number: 67325/55802

16. Other Information

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

T	Toxic
F+	Extremely flammable
N	Dangerous for the environment
F	Highly flammable
Xi	Irritant
22	Harmful if swallowed.
23	Toxic by inhalation.
11	Highly flammable.
36	Irritating to eyes.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.
12	Extremely flammable.

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.