

SAFETY DATA SHEET
Insect Spray

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Substance: D-Phenothrin 0.92+Imiprothrin 0.25+Prallethrin 0.40 g/kg
Product Name: **INSECT SPRAY**
Product Use: Insecticide
Creation Date: April 2024

Registration holder / Registrasiehouer:

PROTEK, a division of / a divisie van
PE-BEE AGRI (PTY) LTD / (EDMS) BPK
Co. Reg. No./Mpy. Reg. Nr.: 2005/036308/07
P.O. Box/Posbus 72, Heidelberg, 1438
Tel: (011) 812 9800 or/of
0861 PROTEK (0861 77 68 35)
www.protek.co.za

Emergency telephone number

24 HR EMERGENCY NUMBERS

Griffon Poison Information Centre +27 82 446 8946

24 Hr Transport / Spill emergency no: (Hazcall24) +27 86 044 4411

SECTION 2 - HAZARD IDENTIFICATION

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Hazard symbols



Signal Word Warning

Hazard Statements

(H223) Flammable aerosol.

(H229) Pressurized container: May burst if heated.

(H411) Toxic to aquatic life with long lasting effects.

Precautionary Statements

(P101) If medical advice is needed, have product container or label at hand.

(P102) Keep out of reach of children.

(P410 + P412) Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

(P501) Dispose of contents/ container to an approved incineration plant.

(P210) Keep away from heat/sparks/open flames/hot surfaces. No smoking.

(P211) Do not spray on an open flame or other ignition source.

(P251) Pressurized container: Do not pierce or burn, even after use.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE/ MIXTURE: mixture

Description: Mixture of substances listed below with non-hazardous additions.

Chemical name	CAS-No.	Weight percent
D-Phenothrin	26002-80-2	0.10 - 0.90
Imiprothrin	72936-72-5	10 - 25.00
Prallethrin	23031-36-9	0.10 – 0.50
Butane	106-97-8	10.00 - 20.00
Dipropylene glycol	57-55-6	0.10 - 0.30

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SECTION 4 - FIRST AID MEASURES

Description of first aid measures

Eye contact : No special requirements
Skin contact : No special requirements

Inhalation : No special requirements.

Ingestion : No special requirements

Most important symptoms None

Indication of any : See Description of first aid measures unless otherwise stated.
immediate medical attention and special treatment needed

SECTION 5 - FIRE-FIGHTING MEASURES

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

Specific hazards arising from substance : Aerosol Product - Containers may rocket or explode in heat of fire. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6 - ACCIDENTAL RELEASE MEASURES (SPILLAGE)

Personal precautions, Protective equipment and Emergency procedures : Remove all sources of ignition.
Wear personal protective equipment.
Wash thoroughly after handling.

Environmental precautions : Do not flush into surface water or sanitary sewer system.
Use appropriate containment to avoid environmental contamination.
Outside of normal use, avoid release to the environment.

Methods and materials for containment and cleaning up : If damage occurs to aerosol can:
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Use only non-sparking equipment.
Dike large spills.
Clean residue from spill site.

SECTION 7 - HANDLING AND STORAGE REQUIREMENTS

Handling:

Precautions for safe handling: Avoid contact with eyes and skin. Harmful if swallowed. Ensure adequate ventilation during handling and use. Do not handle broken containers without protective equipment. Immediately clean up spills that occur during handling. Keep containers tightly closed when not in use. In the case of contact with the product refer to First Aid Measures – Section 4.

General occupational hygiene: Practice good hygiene when using this material. Wash hands before eating, drinking, chewing gum, smoking, using the toilet or applying cosmetics. Worker should shower at the end of each workday. Launder all clothing before it is re-used.

Storage:

Conditions for safe storage: Keep out of reach of unauthorised persons, children and animals. Store in its original labelled container tightly closed, in an isolated, dry, cool and well-ventilated area. Protect from sunlight. Do not expose to temperatures areas and containers exceeding 50 °C/ 122 °F.

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SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

It is essential to provide adequate ventilation. The measures appropriate for a particular work site depend on how this material is used and on the extent of exposure. Ensure that control systems are properly designed and maintained. Comply with occupational safety, environmental, fire and other applicable regulations.

Control Parameters

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Butane	106-97-8	1,900 mg/m3	800 ppm	-	NZ_WELTWA

Personal protective equipment

- Respiratory protection : Do not spray in enclosed areas.
- Hand protection : No special requirements.
- Eye protection : No special requirements.
- Skin and body protection : No special requirements.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Form** : aerosol
- Color** : colorless
- Odor** : odourless
- Odour Threshold : Test not applicable for this product type
- Flash point** : 66 °C
150.8 °F
Method: Tag Closed
Cup (TCC) liquid
< -70 °C
< -94 °F
Propellant
- Relative density** : 0.756 g/cm3 at 20 °C

SECTION 10 - STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal use.

Chemical Stability: Stable at ambient temperature and under normal conditions of storage and use.

Conditions to Avoid: Heat, sparks, open flames, hot surfaces and direct sunlight.

Incompatible Materials: Strong oxidising agents.

Hazardous Decomposition Products: Thermal decomposition can lead to release of irritating gases and vapours.

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SECTION 11 - TOXICOLOGICAL INFORMATION

Acute oral LD₅₀:	>5000 mg/kg in rats (calculated)
Acute dermal LD₅₀:	> 5000 mg/kg in rats (calculated)
Inhalation:	No classification proposed
Acute skin irritation:	No classification proposed.
Acute eye irritation:	No classification proposed
Dermal sensitization:	Not a sensitizer. No classification proposed.

SECTION 12 - ECOLOGICAL INFORMATION

Ecological data is not available.

When used for the purpose for which it is intended, no ecological problems are to be expected from Insects Deadly Killing Action. Avoid contamination of the earth as well as surface and ground water.

SECTION 13 - DISPOSAL CONSIDERATION

The product and its packaging should be disposed of in accordance with the instructions of the local authorities. It should not be emptied into sewage systems, nor be disposed of in the environment.

SECTION 14 - TRANSPORT INFORMATION

	Land transport[§]	Sea transport	Air transport
UN number	1950	1950	1950
UN proper shipping name	Aerosols, Flammable (D-phenothrin +Imiprothrin +Prallethrin)	Aerosols, Flammable (D-phenothrin +Imiprothrin +Prallethrin)	Aerosols, Flammable (D-phenothrin +Imiprothrin +Prallethrin))
Transport hazard class(es)	2.1	2	2.1
Packing group	-	-	-
Environmental hazards	-	Marine pollutant	-
Special precautions for user	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

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SECTION 15 - REGULATORY INFORMATION

Safety, health and environmental regulations/legislation for the mixture:

OHSA 1993 Regulations for Hazardous Chemical Substances.

Relevant information regarding restrictions: None. EU regulation: Regulation EC1272/2008 (EU-GHS/CLP)

Other national regulations: None.

Chemical Safety Assessment carried out? No

SECTION 16 - OTHER INFORMATION

Packaging and Labelling:

Packed in 330ml aerosol cannistors and labelled according to South African regulations and guidelines.

Disclaimer:

The information on this sheet is not a specification; it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed.

All information is given in good faith but without guarantee in respect of accuracy, and no responsibility is accepted for errors and omissions or the consequence thereof.