



International

SAFETY DATA SHEET Prevent Pump Spray

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Prevent Pump Spray

Product number FP106

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Insect repellent.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier PelGar International Ltd
Unit 13
Newman Lane
Alton
Hampshire
GU34 2QR
United Kingdom
Telephone : +44(0)1420 80744
E-mail: garry@pelgar.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0)1420 80744

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC/1272/2008)

Physical hazards Flam. Liq. 2 - H225

Health hazards Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Eye Irrit. 2 - H319 STOT SE 2 - H371

Environmental hazards Aquatic Chronic 1 - H410

Human health Harmful by inhalation, in contact with skin and if swallowed. The liquid may be irritating to eyes, respiratory system and skin.

Environmental The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Pictogram



Signal word

Danger

Prevent Pump Spray

| | |
|---------------------------------|--|
| Hazard statements | <p>H225 Highly flammable liquid and vapour. H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled. H319 Causes serious eye irritation. H371 May cause damage to organs . H410 Very toxic to aquatic life with long lasting effects.</p> |
| Precautionary statements | <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P243 Take precautionary measures against static discharge. P261 Avoid breathing vapour/ spray. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. P302+P352 IF ON SKIN: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P330 Rinse mouth. P337+P313 If eye irritation persists: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/ container in accordance with national regulations.</p> |
| Contains | METHANOL, PYRETHRINS INCLUDING CINERINS |
| 2.3. Other hazards | |
| | Not known |

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | |
|-------------------------------------|------------------------|
| ETHANOL | 60-100% |
| CAS number: 64-17-5 | EC number: 200-578-6 |
| Classification | |
| Flam. Liq. 2 - H225 | |
| Eye Irrit. 2 - H319 | |
| PIPERONYL BUTOXIDE B.P. VET. | 5-10% |
| CAS number: 51-03-6 | EC number: 200-076-7 |
| M factor (Acute) = 1 | M factor (Chronic) = 1 |
| Classification | |
| Aquatic Acute 1 - H400 | |
| Aquatic Chronic 1 - H410 | |

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|--------------------------------------|--------------------------|
| METHANOL | 1-5% |
| CAS number: 67-56-1 | EC number: 200-659-6 |
| Classification | |
| Flam. Liq. 2 - H225 | |
| Acute Tox. 3 - H301 | |
| Acute Tox. 3 - H311 | |
| Acute Tox. 3 - H331 | |
| STOT SE 1 - H370 | |
| PYRETHRINS INCLUDING CINERINS | 1-5% |
| CAS number: 8003-34-7 | EC number: 232-319-8 |
| M factor (Acute) = 100 | M factor (Chronic) = 100 |
| Classification | |
| Acute Tox. 4 - H302 | |
| Acute Tox. 4 - H332 | |
| Aquatic Acute 1 - H400 | |
| Aquatic Chronic 1 - H410 | |

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. |
| Ingestion | Rinse mouth out and give water in small sips to drink. Do NOT induce vomiting. If swallowed seek medical advice immediately and show this container or label. |
| Skin contact | Wash skin thoroughly with soap and water. |
| Eye contact | Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|---------------------|---|
| Inhalation | Harmful by inhalation. |
| Ingestion | Harmful if swallowed. |
| Skin contact | Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Harmful in contact with skin. |
| Eye contact | Causes eye irritation. |

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Water.

5.2. Special hazards arising from the substance or mixture

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| | |
|--|---|
| Specific hazards | Will ignite if exposed to intense heat or open flame. The product is highly flammable. |
| Hazardous combustion products | Does not decompose when used and stored as recommended. |
| 5.3. Advice for firefighters | |
| Protective actions during firefighting | Avoid breathing fire gases or vapours. |
| Special protective equipment for firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with non-combustible, absorbent material.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Use only as directed. Observe good personal hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from heat, sparks and open flame.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

Usage description Pesticide

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

Short-term exposure limit (15-minute): WEL

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 266 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 250 ppm(Sk) 333 mg/m³(Sk)

PYRETHRINS INCLUDING CINERINS

Long-term exposure limit (8-hour TWA): WEL 1 mg/m³

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

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Distillates (Petroleum) TWA (Non-Aerosol)

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Hygiene measures

When using do not eat, drink or smoke.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

| | |
|--|---------------------------|
| Appearance | Clear, yellowish liquid. |
| Colour | Yellow. |
| Odour | Characteristic. |
| Odour threshold | No information available. |
| pH | No information available. |
| Melting point | No information available. |
| Initial boiling point and range | >35 Deg C |
| Flash point | Approx. 17 Deg C |
| Evaporation rate | No information available. |
| Flammability (solid, gas) | No information available. |
| Upper/lower flammability or explosive limits | No information available. |
| Other flammability | No information available. |
| Vapour pressure | No information available. |
| Vapour density | No information available. |
| Relative density | No information available. |
| Solubility(ies) | No information available. |
| Partition coefficient | No information available. |
| Auto-ignition temperature | No information available. |
| Decomposition Temperature | No information available. |
| Viscosity | No information available. |

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Explosive properties No information available.

Oxidising properties Not oxidising.

9.2. Other information

Other information Not known.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Avoid high temperatures

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not known. No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks.

10.5. Incompatible materials

Materials to avoid Flammable/combustible materials.

10.6. Hazardous decomposition products

Hazardous decomposition products Not known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Harmful.

ATE oral (mg/kg) 547.89

Acute toxicity - dermal

Notes (dermal LD₅₀) Harmful

ATE dermal (mg/kg) 1,219.51

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Harmful.

ATE inhalation (gases ppm) 15,268.21

ATE inhalation (vapours mg/l) 63.71

ATE inhalation (dusts/mists mg/l) 10.48

Serious eye damage/irritation

Serious eye damage/irritation Very irritating to Eyes.

Specific target organ toxicity - single exposure

STOT - single exposure May cause damage to organs.

Target organs Heart Liver CNS

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SECTION 12: Ecological Information

Ecotoxicity The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability Not known No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

12.4. Mobility in soil

Mobility Mobile.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of in accordance with applicable regional, national, and local laws and regulations.
Dispose of Contaminated packaging as unused product unless fully cleaned.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1987

UN No. (IMDG) 1987

UN No. (ICAO) 1987

UN No. (ADN) 1987

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ALCOHOLS, N.O.S. (CONTAINS ETHANOL AND METHANOL)

Proper shipping name (IMDG) ALCOHOLS, N.O.S. (CONTAINS ETHANOL AND METHANOL)

Proper shipping name (ICAO) ALCOHOLS, N.O.S. (CONTAINS ETHANOL AND METHANOL)

Proper shipping name (ADN) ALCOHOLS, N.O.S. (CONTAINS ETHANOL AND METHANOL)

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

IMDG class 3

ICAO class/division 3

ADN class 3

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Transport labels



14.4. Packing group

| | |
|-----------------------|----|
| ADR/RID packing group | II |
| IMDG packing group | II |
| ADN packing group | II |
| ICAO packing group | II |

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

| | |
|--|----------|
| EmS | F-E, S-D |
| ADR transport category | 2 |
| Emergency Action Code | •3YE |
| Hazard Identification Number (ADR/RID) | 33 |
| Tunnel restriction code | (D/E) |

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information The information contained in this Safety Data Sheet is believed to be true and correct, as of the issue date. The accuracy and completeness of this information and any recommendations, or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use for this product.

Revision comments Risks recalculated to ensure data is up to date

Issued by HS&E Manager.

Prevent Pump Spray

| | |
|----------------------------------|--|
| Revision date | 29/07/2016 |
| Revision | 13 |
| Supersedes date | 27/07/2016 |
| Hazard statements in full | H225 Highly flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H312 Harmful in contact with skin. H319 Causes serious eye irritation. H331 Toxic if inhaled. H332 Harmful if inhaled. H370 Causes damage to organs . H371 May cause damage to organs . H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. |