

# 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 No.** FP742

#### 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** Agropharm Ltd  
Buckingham Place  
Church Road, Penn  
High Wycombe  
Bucks. Hp10 8LN, UK  
+44 (0)1494 81 65 75  
+44 (0)1952 740 333  
+44 (0)1494 81 65 78  
sales@agropharm.co.uk

#### 1.4. Emergency telephone number

+44 (0) 1952 740 333 (Monday to Friday 9:00-17:00 GMT)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical and Chemical Hazards Flam. Liq. 2 - H225  
Human health Acute Tox. 4 - H302;Acute Tox. 4 - H312;Acute Tox. 4 - H332;STOT SE 2 - H371  
Environment Aquatic Acute 1 - H400;Aquatic Chronic 1 - H410

##### Classification (1999/45/EEC)

Xn;R20/21/22, R68/20/21/22. F;R11. N;R50/53.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

##### Human health

The liquid may irritate the skin, the eyes and the respiratory tract.

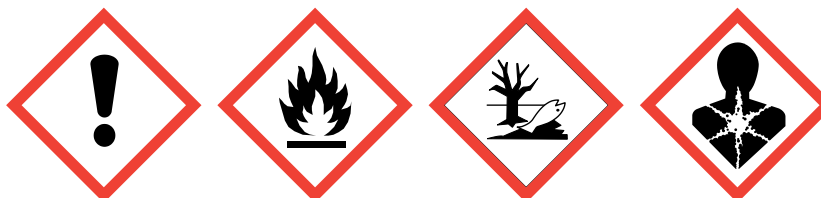
##### Environment

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

#### 2.2. Label elements

**Contains** METHANOL

**Label In Accordance With (EC) No. 1272/2008**



**Signal Word** Danger

##### Hazard Statements

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H371	May cause damage to organs .

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<b>Precautionary Statements</b>	H410	Very toxic to aquatic life with long lasting effects.
	P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
	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.
	P501	Dispose of contents/container to ...
<b>Supplementary Precautionary Statements</b>		
	P233	Keep container tightly closed.
	P240	Ground/bond container and receiving equipment.
	P241	Use explosion-proof electrical equipment.
	P242	Use only non-sparking tools.
	P243	Take precautionary measures against static discharge.
	P270	Do not eat, drink or smoke when using this product.
	P260	Do not breathe vapour/spray.
	P261	Avoid breathing vapour/spray.
	P264	Wash contaminated skin thoroughly after handling.
	P370+378	In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
	P301+312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
	P302+352	IF ON SKIN: Wash with plenty of soap and water.
	P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
	P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P309+311	IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
	P312	Call a POISON CENTER or doctor/physician if you feel unwell.
	P322	Specific measures (see ... on this label).
	P330	Rinse mouth.
	P363	Wash contaminated clothing before reuse.
	P391	Collect spillage.
	P403+235	Store in a well-ventilated place. Keep cool.
	P405	Store locked up.
<b>Supplemental label information</b>		
	EUH208	Contains LEMONGRASS OIL. May produce an allergic reaction.

**2.3. Other hazards**

Not known

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

<b>ETHANOL</b>	<b>60-100%</b>
<b>CAS-No.: 64-17-5</b>	<b>EC No.: 200-578-6</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225	Classification (67/548/EEC) F;R11
<b>LEMONGRASS OIL</b>	<b>&lt; 1%</b>
<b>CAS-No.: 8007-02-1</b>	<b>EC No.:</b>
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xi;R36/38. N;R51/53. R43.

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<b>METHANOL</b>		<b>1-5%</b>
<b>CAS-No.: 67-56-1</b>	<b>EC No.: 200-659-6</b>	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	Classification (67/548/EEC) F;R11 T;R23/24/25,R39/23/24/25	
<b>PIPERONYL BUTOXIDE B.P. VET.</b>		<b>5-10%</b>
<b>CAS-No.: 51-03-6</b>	<b>EC No.: 200-076-7</b>	
Classification (EC 1272/2008) Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) N;R50/53.	
<b>PYRETHRINS INCLUDING CINERINS</b>		<b>1-5%</b>
<b>CAS-No.: 8003-34-7</b>	<b>EC No.: 232-319-8</b>	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) Xn;R20/21/22. N;R50/53.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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## SECTION 4: FIRST AID MEASURES

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### 4.1. Description of first aid measures

#### **Inhalation**

Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. 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**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart.

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

#### **Inhalation**

Maybe hazardous if inhaled

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.

#### **Eye contact**

May be harmful. May cause irritation.

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

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## SECTION 5: FIREFIGHTING MEASURES

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## 5.1. Extinguishing media

### Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

### Unsuitable extinguishing media

Water.

## 5.2. Special hazards arising from the substance or mixture

### Hazardous combustion products

None under normal conditions.

### Unusual Fire & Explosion Hazards

HIGHLY FLAMMABLE!

### Specific hazards

Will ignite if exposed to intense heat or open flame.

## 5.3. Advice for firefighters

### Special Fire Fighting Procedures

Avoid breathing fire vapours.

### Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

Absorb spillage with non-combustible, absorbent material.

### 6.4. 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

Use only as directed. Observe good personal hygiene practices.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame.

### Storage Class

Flammable liquid storage.

### 7.3. 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

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
ETHANOL	WEL	1000 ppm	1920 mg/m <sup>3</sup>			
METHANOL	WEL	200 ppm(Sk)	266 mg/m <sup>3</sup> (Sk)	250 ppm(Sk)	333 mg/m <sup>3</sup> (Sk)	
PYRETHRINS INCLUDING CINERINS	WEL		1 mg/m <sup>3</sup>			

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WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



#### Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

#### Respiratory equipment

Wear suitable respiratory protection.

#### Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

#### Eye protection

Wear approved safety goggles.

#### Hygiene measures

When using do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

**Appearance** Clear, yellowish liquid.  
**Colour** Yellow.

### 9.2. Other information

Not known.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Avoid high temperatures

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Not known.

#### Hazardous Polymerisation

Unknown.

### 10.4. Conditions to avoid

Heat, flames and sparks.

### 10.5. Incompatible materials

#### Materials To Avoid

Flammable/combustible material.

### 10.6. Hazardous decomposition products

Not known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

## SECTION 12: ECOLOGICAL INFORMATION

## Prevent Pump Spray

### Ecotoxicity

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

### 12.1. Toxicity

### 12.2. Persistence and degradability

Not known

#### Degradability

No data available.

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

No data available on bioaccumulation.

### 12.4. Mobility in soil

#### Mobility:

Mobile.

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

Not known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN number

UN No. (ADR/RID/ADN)	1987
UN No. (IMDG)	1987
UN No. (ICAO)	1987

### 14.2. UN proper shipping name

Proper Shipping Name                      ALCOHOLS, N.O.S. (ETHANOL),

### 14.3. Transport hazard class(es)

ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3
Transport Labels	



### 14.4. Packing group

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ADR/RID/ADN Packing group	II
IMDG 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
Emergency Action Code	•3YE
Hazard No. (ADR)	33
Tunnel Restriction Code	(D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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## SECTION 15: REGULATORY INFORMATION

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### 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

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## SECTION 16: OTHER INFORMATION

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#### 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

<b>Issued By</b>	HS&E Manager.
<b>Revision Date</b>	22/01/2014
<b>Revision</b>	8
<b>Supersedes date</b>	17/01/2014
<b>Date</b>	06/07/2012

#### Risk Phrases In Full

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R68/20/21/22	Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.
R11	Highly flammable
R36/38	Irritating to eyes and skin.
R43	May cause sensitisation by skin contact.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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### Hazard Statements In Full

H370	Causes damage to organs <<Organs>>.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H225	Highly flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H371	May cause damage to organs <<Organs>>.
H331	Toxic if inhaled.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H411	Toxic to aquatic life with long lasting effects.
H410	Very toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.