



# Agropharm

## SAFETY DATA SHEET PROTECTOR FLYING AND CRAWLING INSECT KILLER AEROSOL

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name PROTECTOR FLYING AND CRAWLING INSECT KILLER AEROSOL  
Product No. FP 500

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

#### 1.3. Details of the supplier of the safety data sheet

Supplier Agropharm Limited  
Buckingham Place,  
Church Road, Penn,  
High Wycombe  
Bucks  
HP10 8LN  
Tel: +44 (0) 1494 816575  
Factory: +44 (0)1952 740333  
Fax: +44 (0) 1494 816578  
sales@agropharm.co.uk

#### 1.4. Emergency telephone number

+44 (0) 1952 740 333

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (1999/45/EEC) N;R50/53.

#### 2.2. Label elements

##### Labelling



Dangerous for the environment

##### Risk Phrases

R50/53

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

##### Safety Phrases

A1

Pressurized container: protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use.

S23

Do not breathe vapour/spray.

S29

Do not empty into drains.

S51

Use only in well-ventilated areas.

S61

Avoid release to the environment. Refer to special instructions/safety data sheets.

P14

Contains d-LIMONENE. May produce an allergic reaction.

S23

Do not breathe spray.

Do not breathe smoke/fumes.

#### 2.3. Other hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

# PROTECTOR FLYING AND CRAWLING INSECT KILLER AEROSOL

## 3.2. Mixtures

<b>CUMENE</b>		<b>&lt; 1%</b>
<b>CAS-No.: 98-82-8</b>	<b>EC No.: 202-704-5</b>	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 STOT Single 3 - H335 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) R10 Xn;R65 Xi;R37 N;R51/53	
<b>ETHYLBENZENE</b>		<b>&lt; 1%</b>
<b>CAS-No.: 100-41-4</b>	<b>EC No.: 202-849-4</b>	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Acute Tox. 4 - H332	Classification (67/548/EEC) F;R11 Xn;R20	
<b>PYRETHRINS INCLUDING CINERINS</b>		<b>&lt; 1%</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.	
<b>XYLENE</b>		<b>1-5%</b>
<b>CAS-No.: 1330-20-7</b>	<b>EC No.: 215-535-7</b>	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315	Classification (67/548/EEC) R10 Xn;R20/21 Xi;R38	

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

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Inhalation

Move the exposed person to fresh air at once. Place unconscious person on the side in the recovery position and ensure breathing can take place. Get medical attention.

#### Ingestion

DO NOT INDUCE VOMITING! If patient vomits, turn to recovery position give water to drink. Get medical attention.

#### Skin contact

Wash skin with soap and water.

#### Eye contact

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

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

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

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

##### Extinguishing media

Use: Water spray. Foam. Dry chemicals.

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

##### Specific hazards

Aerosol containers can explode when heated, due to excessive pressure build-up.

#### 5.3. Advice for firefighters

##### Special Fire Fighting Procedures

Use water to keep fire exposed containers cool and disperse vapours. Move container from fire area if it can be done without risk. Be aware of danger of explosion.

##### 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

Extinguish any naked flames, sources of ignition. Absorb liquid on sand or earth and sweep it up. Avoid inhaling vapour, evacuate personnel from area.

#### 6.2. Environmental precautions

If contamination of resources occurs contact appropriate authorities (Fire Service)

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

Collect with absorbent, non-combustible material into suitable containers.

#### 6.4. Reference to other sections

### SECTION 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

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

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Keep out of reach of children. Keep away from heat and sources of ignition.

#### 7.3. Specific end use(s)

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
CUMENE	OES	25 ppm(Sk)	125 mg/m3(Sk)	50 ppm(Sk)	250 mg/m3(Sk)	
ETHYLBENZENE	OES	100 ppm(Sk)	441 mg/m3(Sk)	125 ppm(Sk)	552 mg/m3(Sk)	
PYRETHRINS INCLUDING CINERINS	WEL		1 mg/m3			
XYLENE	OES	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

#### 8.2. Exposure controls

##### Eye protection

Do not spray near eyes.

# PROTECTOR FLYING AND CRAWLING INSECT KILLER AEROSOL

## Hygiene measures

Wash hands after handling.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b>	Aerosol.
<b>Odour</b>	Mild (or faint). Perfume.
<b>Solubility</b>	Immiscible with water
<b>Initial boiling point and boiling range</b>	Gas liquified under pressure.
<b>Flash point (°C)</b>	Extremely Flammable.
<b>Auto Ignition Temperature (°C)</b>	250

### 9.2. Other information

**Volatility Description** Explosive when exposed to heat above 50°C.

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## SECTION 10: STABILITY AND REACTIVITY

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### 10.1. Reactivity

### 10.2. Chemical stability

Should not be reactive at normal temperature and pressure conditions.

### 10.3. Possibility of hazardous reactions

#### **Hazardous Polymerisation**

Will not polymerise.

### 10.4. Conditions to avoid

Avoid exposing aerosol containers to high temperatures or direct sunlight.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

In case of fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### 11.1. Information on toxicological effects

#### **Toxicological information**

Pyrethrins: LD50 rat (oral) 900-2000 mg/kg. LD50 rat (dermal) >1500 mg/kg. Piperonyl Butoxide: LD50 rat (oral) 7500 mg/kg.

#### **Inhalation**

May cause irritation to the respiratory system.

#### **Ingestion**

No harmful effects expected in amounts likely to be ingested by accident.

#### **Skin contact**

No specific health warnings noted.

#### **Eye contact**

May cause temporary eye irritation.

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## SECTION 12: ECOLOGICAL INFORMATION

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### 12.1. Toxicity

#### **Acute Fish Toxicity**

Toxic to fish.

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

# PROTECTOR FLYING AND CRAWLING INSECT KILLER AEROSOL

## 12.5. Results of PBT and vPvB assessment

## 12.6. Other adverse effects

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### SECTION 13: DISPOSAL CONSIDERATIONS

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#### 13.1. Waste treatment methods

Both full and empty containers present a flammable and explosion risk when heated and must not be incinerated. This material and its container must be disposed of in a safe way.

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### SECTION 14: TRANSPORT INFORMATION

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Air Transport Notes Pck. Instr. Y 203 / 203

#### 14.1. UN number

UN No. (ADR/RID/ADN)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

#### 14.2. UN proper shipping name

Proper Shipping Name AEROSOLS (1, 2, 4-TRIMETHYLBENZENE)

#### 14.3. Transport hazard class(es)

ADR/RID/ADN Class	2.1
ADR/RID/ADN Class	Class 2: Gases
ADR Label No.	2.1
IMDG Class	2.1
ICAO Class/Division	2.1

Transport Labels



#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant



#### 14.6. Special precautions for user

EMS	F-D, S-U
Tunnel Restriction Code	(D)

#### 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

# PROTECTOR FLYING AND CRAWLING INSECT KILLER AEROSOL

## Uk Regulatory References

HSE No. 8646.

## 15.2. Chemical Safety Assessment

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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

Section 14 updated.

**Revision Date** 09/07/2010

**Revision** 9

**Date** 09/07/2010

#### Risk Phrases In Full

R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R20	Harmful by inhalation.
R65	Harmful: may cause lung damage if swallowed.
R11	Highly flammable
R37	Irritating to respiratory system.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Hazard Statements In Full

H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H335	May cause respiratory irritation.
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.

#### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in a process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.