

## SAFETY DATA SHEET

### MINI FORTEFOG P FUMER

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**PRODUCT NAME:** MINI FORTEFOG P FUMER

**PART No.:** HSE 7901 FP526

**APPLICATIONS:** Insecticidal Smoke Generator

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#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
PERMETHRIN	258-067-9	52645-53-1	13.75 %w/w	Xn	22
POTASSIUM CHLORATE	223-289-7	3811-04-9	10-30 %	O, Xn	9, 20/22

The full text for all R-phrases are shown in section 16.

#### 3 HAZARDS IDENTIFICATION

Harmful if swallowed.  
Ignites readily, burns without flaming, giving dense white harmful smoke.

#### 4 FIRST AID MEASURES

**GENERAL:** No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

**INHALATION:** Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Obtain medical attention as a precaution. Keep the affected person warm and at rest.

**INGESTION:** Rinse mouth thoroughly. Contact physician. Show container, label, or this safety sheet to doctor.

**SKIN:** Get medical attention if irritation persists after washing.

**EYES:** Important! Immediately rinse with water for at least 15 minutes. Hold eyelids apart. Obtain immediate medical attention.

#### 5 FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use large volumes of water as a spray or fog. Avoid use of water jet. Contain run-off water with, for example, temporary earth barriers.

**SPECIAL FIRE FIGHTING PROCEDURES:** If risk of water pollution occurs, notify appropriate authorities. Cool containers exposed to flames with water until well after the fire is out. Dike and collect extinguishing water.

**PROTECTIVE MEASURES IN FIRE:** Wear self contained breathing apparatus. Do not breathe fumes.

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## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS DURING SPILL:

Ensure suitable personal protection during removal of smilages. This means wearing eye protection, chemically resistant gloves, boots and coveralls.

### PRECAUTIONS TO PROTECT ENVIRONMENT:

Prevent entry into drains, sewers and watercourses. If contamination of resources occurs contact appropriate authorities (Fire Service)

### SPILL CLEANUP METHODS:

Do not let washing down water contaminate ponds or waterways.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS:

Read the label before use.

### USAGE DESCRIPTION:

Do not breath spray / mist. Avoid contact with eyes and skin. Wash hands before meals and after work . When using, do not eat or drink or smoke.

### STORAGE PRECAUTIONS:

Keep separate from food, feedstuffs, fertilizers and other sensitive material. Keep out of reach of children. Keep containers tightly closed. Keep away from heat and sources of ignition. Store in original containers in a secure, dry area designated for pesticides.

### STORAGE CRITERIA:

Keep in pesticide store - product is an insecticide of low toxicity. Physically and chemically stable for at least 2 years when stored in the original, unopened containers at ambient temperatures.

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

### INGREDIENT COMMENTS:

When using this product, refer to the label for details. Should it be necessary to enter the treated area whilst smoke remains in the atmosphere, respiratory protective equipment and eye protection must be used (see HSE Guidance Booklet (HS)G53 'Respiratory Protective Equipment - A Practical Guide for Users')

### PROTECTIVE EQUIPMENT:



## 9 PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE:

Aluminium Containers, red cap.

### ODOUR/TASTE:

Distinctive odour of Permethrin.

### SOLUBILITY DESCRIPTION:

Slightly soluble in water.

### FLASH POINT (°C):

Will not flash

### FLASH POINT METHOD:

Will not flash.

### AUTO IGNITION TEMPERATURE (°C):

>130 Deg C

## 10 STABILITY AND REACTIVITY

### STABILITY:

Normally stable. Ignites readily.

### MATERIALS TO AVOID:

Combustable or thermal decomposition will evolve harmful and irritant vapours.

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION:

Oral LD50 (rat) 1479 mg/kg Permethrin,  
Oral LD50 (rat) 1260 mg/kg Potassium Chlorate.

### INHALATION:

Smoke may cause upper airway irritation.

### INGESTION:

Burning in mouth, vommiting, nausea, tremors and convulsions may occur.

### SKIN:

Sensations of transient skin irritation may occur.

### EYES:

Transient eye irritation may occur.

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## 12 ECOLOGICAL INFORMATION

<b>LC50 96 HRS FISH (mg/Kg):</b>	0.3 mg/l
<b>ENVIRONMENTAL HAZARDS:</b>	Toxic to fish. Toxic to bees. Un-burned composition is non-selectively toxic to plants.
<b>DEGRADABILITY:</b>	Not readily bio-degradable.

## 13 DISPOSAL CONSIDERATIONS

<b>DISPOSAL METHODS:</b>	Do not contaminate ponds, waterways or ditches with chemical or used containers. Dispose of product and empty containers according to the 'Code Of Practise For The Safe Use Of Pesticides On Farms And Holdings' available from HSE Books. Empty containers must be disposed of in accordance with local and national legislation.
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## 14 TRANSPORT INFORMATION

<b>GENERAL:</b>	This product is not classified as hazardous for transport purposes
<b>ROAD:</b>	
<b>UN No:</b>	N/A
<b>RAIL:</b>	
<b>SEA:</b>	
<b>AIR:</b>	

## 15 REGULATORY INFORMATION

### LABEL FOR SUPPLY:



HARMFUL

<b>RISK PHRASES:</b>	R-22	Harmful if swallowed.
<b>SAFETY PHRASES:</b>	P-11	Restricted to professional users.
	S-13	Keep away from food, drink and animal feeding stuffs.
	S-2	Keep out of reach of children.
	S-23A	Do not breathe gas/fumes/vapour/spray.
	S-46	If swallowed seek medical advice immediately and show this container label.
	S-56	Dispose of this material and its container to hazardous or special waste collection point.

## 16 OTHER INFORMATION

<b>USER NOTES:</b>	This product is covered by the Control of Pesticides Regulations 1986. It has therefore been labelled in accordance with these regulations. 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.	
<b>ISSUED BY:</b>	R. Winney	
<b>REVISION DATE:</b>	15 September 2004	
<b>SDS No.:</b>	FP343	
<b>R-PHRASES (Full Text):</b>	R-9	Explosive when mixed with combustible material.
	R-22	Harmful if swallowed.
	R-20/22	Harmful by inhalation and if swallowed.

# MINI FORTEFOG P FUMER

## 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 ANY 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 AS 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.