

# Pesguard® S102

**A microemulsion concentrate to be used as a non-persistent insecticidal spray for use in a wide range of public health/hygiene situations as well as food handling premises and tobacco industry insect control.**

**Contains 1R-trans phenothrin 9.2% w/w**

Sumitomo Chemical (UK) PLC  
Hythe House, 200 Shepherds Bush Road  
Hammersmith, London, W6 7NL, United Kingdom  
Tel: +44 (0) 203 538 3099

EMERGENCY TELEPHONE: +44 (0) 123 523 9670

Pesguard® is a registered trademark of Sumitomo Chemical Co. Ltd

© 2017-2019 Sumitomo Chemical (UK) Plc.  
All rights reserved.

1L

## DIRECTIONS FOR USE

The product is diluted with water for use as an ultra low volume aerosol or application as a mist or surface spray (i.e. backpack, knapsack or power spray). Pesguard® S102 is a low odour product with no volatile organic compounds (VOCs) which gives fast knockdown and kill of public health insect pests.

For the control of Flies and Mosquitoes

## WHERE TO USE

As a space and contact (surface) spray for use in the following situations:

*Domestic premises*

Private housing

*Commodity Storage*

Tobacco facilities

*Food Handling*

Processing – Food manufacture, kitchens, slaughterhouses etc.  
Storage – Food retailers, warehouses, raw material stores etc.

Preparation – Restaurants, commercial kitchens etc.

*Public Buildings*

Hospitals, hotels, public baths, municipal buildings, churches, halls, community centres, cinemas etc.

Note: The product can be used in continuously occupied areas as a band/spot or crack and crevice treatment only.

## DILUTION AND APPLICATION RATES

Treatment	Pest Species	Dilution Rate with Water	Application
<b>Space Spray Indoors</b>			
<b>Ultra-Low Volume Aerosol</b>	Flies & Mosquitoes	1 part + 1 part (e.g. 100ml + 100ml)	200ml/3000m <sup>3</sup>
<b>Backpack, Knapsack or Power Spray</b>		1 part + 9 part (e.g. 100ml + 900ml)	1L/3000m <sup>3</sup>
<b>Surface Spray Indoors</b>			
<b>Ultra-Low Volume Aerosol</b>	Flies & Mosquitoes	1 part + 1 part (e.g. 100ml + 100ml)	10ml/100m <sup>2</sup>
<b>Backpack, Knapsack or Power Spray</b>		1 part + 499 part (e.g. 100ml + 49.9L)	5L/100m <sup>2</sup>

SHAKE CONTAINER THOROUGHLY BEFORE DISPENSING PESGUARD® S102

Prepare a fresh dilution as required; the diluted material should not be stored.

## SPRAYING EQUIPMENT

### ULV Aerosol

#### As a Space Spray:

Apply with any suitable aerosol generator capable of producing a distribution of droplets with a maximum Volume Median Diameter (VMD) value of 50µm and preferably below 25µm.

#### Backpack, knapsack or power spray

Misting: Apply with any suitable hand, mechanically or electrically operated sprayer capable of producing a fine mist or fog.

#### As a Space Spray indoors:

Close doors and windows and shut off ventilation systems before spraying and for at least 30 minutes after treatment. Distribute spray evenly throughout the area. Treatments should be timed to coincide with the time of maximum flight activity of the target insect. For tobacco beetles this will generally be in the late afternoon and evening. Direct the spray into identified insect harbourages. Spray as frequently as the situation demands. Treatment at weekly intervals is recommended but heavy infestations may require more frequent applications.

#### As a Contact (Surface) Spray:

Apply with any suitable hand-, mechanically- or electrically-operated sprayer capable of producing a coarse spray.

Use only equipment adjusted to give a coarse spray.

Can be applied directly to insects, at a rate sufficient to dampen them, on the fabric of warehouses, granaries, mills, bakeries and similar situations. Can also be applied to insects on the surfaces of bags and cases containing stored food products. Special attention should be paid to cracks and crevices and other insect harbourages. Spray as frequently as the situation demands.

*\*Please note that most motorised backpack sprayers (or mist blowers) produce a mist with a droplet size spectrum of 0-200µm with a VMD > 50µm. These larger droplets are less efficient in the control of flying insects.*

## WARNING



### FOR USE ONLY AS AN INSECTICIDE

**FOR PROFESSIONAL USE in public hygiene/ nuisance.**

(H319) Causes serious eye irritation.

(H410) Very toxic to aquatic life with long lasting effects.

(P264) Wash contaminated skin thoroughly after handling.

(P273) Avoid release to the environment.

(P280) Wear protective gloves/protective clothing/eye protection/face protection.

(P305+P351+P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(P337+P313) If eye irritation persists: Get medical advice/attention.

(P501) Dispose of contents/container in accordance with national regulations

(P391) Collect spillage.

(EUH208) Contains 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.

Sumitomo Chemical (UK) PLC  
Hythe House, 200 Shepherds Bush Road,  
Hammersmith, London W6 7NL,  
United Kingdom

Tel: +44 (0)203 538 3099

**24 hr EMERGENCY TELEPHONE:  
+ 44 (0)1235 239 670**

Pesguard® is a registered trademark of Sumitomo Chemical Co. Ltd.

© 2017-2019 Sumitomo Chemical (UK) Plc. All rights reserved.

Please note: This document is a specimen label, regulations may vary