

Pybuthrin[®] 33

Health and Safety Profile

EC Hazard Classification:

(X) Harmful. May cause lung damage if swallowed
Irritating to eyes and skin

(N) Dangerous for the environment
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Personal Protective Equipment



Product Label

Label Directions (correct at time of printing)

A pyrethrin spray combining rapid knockdown and kill with non-persistence making it suitable for use in food handling premises. Pybuthrin 33 will also flush out insects from their harbours.

For the control of:

Flying Insects e.g. flies, fruit flies, mosquitoes, wasps, and stored product moths.

The spray may also be used as an aid to the control of crawling insects such as cockroaches and stored product insects and for the control of wasp nests.

Directions For Use

A ready-to-use space and surface (contact spray) for use in the following situations:

Domestic Situations

Private housing.

Food Handling

Processing: food manufacture, kitchens, slaughterhouses etc.

Storage: food retailers, warehouses, raw material stores etc.

Preparation: restaurants, commercial kitchens etc.

Public Buildings

Hospitals (excluding occupied wards), hotels, public baths, municipal buildings, churches, halls, community centres, cinemas etc.

Outdoors

Refuse tips, sewage works (excluding filter beds), amenity areas etc.

Rates of Application

As a space spray indoors
1 litre to 3000 m³.

Close windows and doors before spraying and for at least 30 minutes afterwards.

Distribute evenly as a fine mist or fog.

For moth infestations, treatment at weekly intervals is recommended, until infestations are brought under control. More frequent applications may be necessary for heavy infestations.

Spray as frequently as the situation demands for flying insect control.

As a space spray outdoors (Urban/Industrial sites)

Apply at rates up to 25 litres per ha depending upon the size of the area to be treated. In very large areas rates of application as low as 5 litres per ha may be acceptable, but in smaller areas this must be increased up to a maximum of 25 litres per ha.

The best conditions for outdoor spraying occur in the early morning or late afternoon and evening when conditions are most likely to be still.

Spray as frequently as the situation demands.

As a surface (contact) spray

Apply at a rate of up to 5 litres per 100m² i.e. sufficient to dampen the insects.

Apply directly to insects present on the fabric of warehouses, granaries, mills, bakeries and similar situations, or insects on the surfaces of bags and cases containing stored food products. Special attention should be paid to cracks and crevices and other insect harbours.

For wasp nests

Apply liberally and directly to nest or to entrance holes of concealed nests at dusk or when activity around the nest is quiet.

Spraying Equipment

As a space spray

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

As a surface (contact) 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.

Warnings

Avoid inhalation of spray and contact with skin and eyes.

Do not spray the moving parts of any machinery, electric motors and switchgear.

Do not spray and avoid spilling on plastics, synthetic tiles or light coloured surfaces.

This spray will not harm ordinary fabrics or affect commonly used dyes, but before spraying delicate or expensive materials test first by rubbing a little spray on some inconspicuous spot.

Polished surfaces may lose their gloss until re-polished.

This spray is NOT suitable for use on plants.

It is illegal to disturb bats or their roosts and this may influence the use of Pybuthrin 33 in roof spaces etc. No treatment should be made within a roof space

without first ascertaining whether bats use the site as a roost. All bats are protected under the Wildlife and Countryside Act (1981) or the Wildlife (Northern Ireland) Order (1985). Before treating any structure used by bats, consult English Nature, Scottish Natural Heritage, The Countryside Council for Wales or Department of the Environment for Northern Ireland.

PRECAUTIONS

Use only in well ventilated areas.

VENTILATE TREATED AREAS THOROUGHLY after application.

WASH HANDS AND EXPOSED SKIN before meals and after use.

WASH ANY CONTAMINATION from skin or eyes immediately.

Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Keep only in the original container.

Keep container tightly closed.

KEEP IN A SAFE PLACE.

Use appropriate containment to avoid environmental contamination.

To avoid risks to man and the environment, comply with the instructions for use.

Safety data sheet available for professional user on request.

STATUTORY CONDITIONS RELATING TO USE

FOR USE ONLY AS AN INSECTICIDE

FOR PROFESSIONAL USE in Public Hygiene/Nuisance.

Dose:

Space spray: Indoors: 1 litre of product per 3000 m³
Outdoors: Up to 25 litres per ha

Surface (contact) spray: 5 litres of product per 100 m²

The (COSHH) Control of Substances Hazardous to Health Regulations 2002 may apply to the use of this product at work.

FOR USE ONLY BY PROFESSIONAL OPERATORS.

Engineering control of operator exposure must be used where reasonably practicable in addition to the following items of personal protective equipment. Wear suitable protective clothing, gloves and eye/face protection.

DO NOT BREATHE FOG OR SPRAY MIST.

Otherwise wear respiratory protective equipment

and eye protection (see HSE Guidance Booklet HS

(G) 53: "The Selection, Use and Maintenance of Respiratory Protective Equipment – A Practical Guide").

AVOID EXCESSIVE CONTAMINATION OF COVERALLS AND LAUNDER REGULARLY. However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

DO NOT CONTAMINATE FOODSTUFFS, EATING UTENSILS OR FOOD CONTACT SURFACES.

COVER WATER STORAGE TANKS before application.

WHEN USING DO NOT EAT DRINK OR SMOKE.

Keep away from sources of ignition - No smoking
UNPROTECTED PERSONS AND ANIMALS SHOULD BE KEPT AWAY FROM TREATED AREAS UNTIL SURFACES ARE DRY.

Do not contaminate ground, waterbodies or watercourses with chemicals or used container.
HARMFUL TO FISH AND OTHER AQUATIC LIFE

REMOVE OR COVER ALL FISH TANKS AND BOWLS before application.

This material and its container must be disposed of as hazardous waste.

AVOID ALL CONTACT WITH PLANT LIFE.

READ ALL PRECAUTIONS BEFORE USE (HSE 5106)

PCS No. 90995.

When stored in a dry place at temperature not exceeding 25°C Pybuthrin 33 has a shelf life of 5 years.

This product is approved under The Control of Pesticides Regulations (1986) for use as directed (HSE 5106).

PLEASE NOTE when Pybuthrin 33 is not available Pybuthrin® 33BB, based upon synthetic pyrethroids but with the same approvals may be substituted.



Bayer Environmental Science

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ALWAYS READ THE LABEL. USE PESTICIDES SAFELY.

Pybuthrin® 33 contains pyrethrins 0.38% w/w (3g/L), synergised with piperonyl butoxide.

Pybuthrin® 33BB contains bioallethrin 0.13% w/w bioresmethrin 0.38% w/w, synergised with piperonyl butoxide.

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