

## FOR DIRECTIONS FOR USE PLEASE SEE ON LABEL OF UNIT PACK.

### STATUTORY CONDITIONS RELATING TO USE

FOR USE ONLY AS AN INSECTICIDE

FOR PROFESSIONAL USE in Public Hygiene/Nuisance and Food Storage Practice.

Application rate:

Crawling Insects where re-infestation from nearby, untreated areas is likely and long residual control is necessary: dilute 5 g of product with 5 litres of water then apply over 100 m<sup>2</sup> (to give 12.5 mg deltamethrin per m<sup>2</sup>).

Crawling Insects in isolated infestations: dilute 2.5 g of product with 5 litres of water then apply over 100 m<sup>2</sup> (to give 6.25 mg deltamethrin per m<sup>2</sup>).

Flying Insects dilute 2.5 g of product with 5 litres of water then apply over 100 m<sup>2</sup> (to give 6.25 mg deltamethrin per m<sup>2</sup>).

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 DUST or spray mist. Otherwise wear respiratory protective equipment and eye protection (see HSE Guidance Booklet HS (G) 53: "Respiratory Protective Equipment – a practical guide for users").

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide equal or higher standard of protection.

Avoid contact with skin.

When using do not eat, drink or smoke.

AVOID EXCESSIVE CONTAMINATION OF COVERALLS AND LAUNDRY REGULARLY.

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

UNPROTECTED PERSONS AND ANIMALS SHOULD BE KEPT AWAY FROM TREATED AREAS UNTIL SURFACES ARE DRY.

DO NOT APPLY DIRECTLY TO ANIMALS.

COVER ALL WATER STORAGE TANKS before application.

EXTREMELY DANGEROUS TO FISH AND OTHER AQUATIC LIFE.

HAZARDOUS TO BEES.

Do not contaminate ground, waterbodies or watercourses with chemicals or used container.

DO NOT APPLY IN OR AROUND DRAINS.

REMOVE OR COVER ALL FISH TANKS AND BOWLS before application.

This material and its container must be disposed of in a safe way.

The (COSHH) Control of Substances Hazardous to Health Regulations 2004 may apply to the use of this product at work.

**READ ALL PRECAUTIONS BEFORE USE**

(HSE 8092), PCS No 94096

**This product is approved under The Control of Pesticides Regulations 1986, for use as directed.**

For 24 hour emergency information contact Bayer CropScience Ltd

Telephone: 0800-220876 (UK 24 hr)

+44(0)1603-242424 (Overseas 24 hr)

or Nearest Poisons Information Centre

Approval Holder:

Bayer S.A.S., Lyon

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**Bayer Environmental Science**

A Business Operation of Bayer CropScience



# K-Othrine®

WG 250

**FOR USE ONLY  
AS AN INSECTICIDE**



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

Contains : Deltamethrin 25.0% w/w (250 g/kg)

**K-OTHRINE® WG 250**

A water dispersible granule containing deltamethrin giving a fine suspension in water with broadspectrum sustained residual insecticidal activity on surfaces. Provides an insecticidal surface spray for use in public hygiene, food storage, manufacture and preparation for crawling and flying insect control. The granules disperse within one minute to yield a suspension equivalent to those derived from suspension concentrates. The water dispersible granule K-OTHRINE® WG 250 is non-staining, non-tainting, virtually odourless and biodegradable. The Ezi-Doser and granule presentation offer the opportunity for accurate measurement with minimal operator exposure.

**For the control of:**

**Crawling Insects** including black ants, bed-bugs, fleas, earwigs, carpet beetles, cockroaches and booklice. It will also control spiders and woodlice.

**Flying insects** when at rest including flies and mosquitoes.

**For Use in:****Domestic Situations:**

Private housing

**Public Buildings:**

Continuously occupied areas (as a band/spot or crack and crevice treatment only), hospitals, hotels, public baths, municipal buildings, churches, halls, community centres, cinemas etc.

**Food Handling:**

Processing: food manufacture, kitchens, slaughterhouses etc.

Storage: food retailers, warehouses, etc.

Preparation: restaurants, commercial kitchens etc.

K-Othrine WG 250 complies with the requirements of Boeing D6-7127 for uses in aircrafts.

**Spraying Equipment**

Apply with any suitable hand or mechanical sprayer capable of producing a coarse spray.

**Directions**

Dilute with water only. Prepare a fresh suspension as required.

Do not store prepared suspension.

Carefully measure the granules with the Ezi-Doser into the spray tank. Fill the sprayer to the appropriate level with water and agitate. The granules will be fully dispersed within one minute.

The spray should be applied evenly to all infested surfaces - floors, walls, dunnage etc. Ensure that all cracks and crevices where insects might find cover are adequately treated.

K-Othrine® WG 250 may be applied to:

Walls and structural surfaces of rooms and buildings used for the storage of processed foodstuffs. Pallets and dunnage, providing processed foodstuffs subsequently stored are protected from treated surfaces.

In domestic premises, hotels etc K-Othrine® WG 250 may be sprayed onto carpets, wall paper, furniture and bed frames and mattresses (but not clothing, sheets or pillow cases or in cots).

**Rates of Application:**

| INSECTS /:                                                                                                          | CONDITIONS                                                                              | DILUTION RATE           |          | APPLICATION RATE       |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|----------|------------------------|
|                                                                                                                     |                                                                                         | K-Othrine® WG 250       | Water    |                        |
| CRAWLING INSECTS.<br>Public Health Insects e.g.<br>bed bugs, fleas, ants, cockroaches.<br>Stored Product<br>Insects | Chronic infestations where re-invasion is likely and long residual control is necessary | 5.0 g<br>(10x Ezi-dose) | 5 Litres | 5 L/100 m <sup>2</sup> |
|                                                                                                                     |                                                                                         | 1.0 g<br>(2x Ezi-dose)  | 1 Litre  | 1 L/20 m <sup>2</sup>  |
|                                                                                                                     | Clean up treatment of isolated infestations                                             | 2.5 g<br>(5x Ezi-dose)  | 5 Litres | 5 L/100 m <sup>2</sup> |
|                                                                                                                     |                                                                                         | 0.5g<br>(1x Ezi-dose)   | 1 Litre  | 1 L/20 m <sup>2</sup>  |
| FLYING INSECTS.<br>e.g. flies, mosquitoes and moths.                                                                |                                                                                         | 2.5 g<br>(5x Ezi-dose)  | 5 Litres | 5 L/100 m <sup>2</sup> |
|                                                                                                                     |                                                                                         | 0.5g<br>(1x Ezi-dose)   | 1 Litre  | 1 L/20 m <sup>2</sup>  |

**Application:** With any suitable hand or mechanical sprayer capable of producing a coarse spray. Apply to just short of run-off on most surfaces, at a rate of 5 litres/100 m<sup>2</sup> of surface. Slow drying fabrics such as carpets should only be treated with a light spray.

**Residual Activity:** The residual life of the deposit will vary depending upon the cleanliness and nature of the surface to which it is applied, and the extent to which the residue remains undisturbed. K-Othrine® WG 250 exhibits sustained residual activity where residues remain undisturbed. Re-treat as necessary.

## **WARNINGS**

This product is an insecticide. As with other insecticides operators should take appropriate precautions when working with the spray and when handling the concentrate. If used at higher than recommended concentrations K-Othrine® WG 250 suspensions may cause transient irritation of the skin, eyes and nasal membranes.

Do not apply to unprotected electrical equipment or to the moving parts of any machinery.

Keep away from sources of ignition. No smoking (S16).

Not for use on clothing or bedding or in cots where infants sleep. If delicate fabrics or materials which may be damaged by water require treatment, test the spray on a small inconspicuous area first.

In case of accident or if you feel unwell seek medical advice immediately (show label where possible).

## **PRECAUTIONS**

Keep out of the reach of children.

Keep away from food, drink and animal feeding stuffs.

WASH HANDS AND EXPOSED SKIN before meals and after use.

WASH ANY CONTAMINATION from skin or eyes immediately.

Keep container tightly closed.

Keep only in original container.

KEEP IN A SAFE PLACE.

DO NOT HANDLE TREATED FABRICS UNTIL DRY AND AIR THOROUGHLY BEFORE USE.

Use appropriate container 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.

## **Resistance Management:**

To minimise the chances of either behavioural or active ingredient resistance developing in the future, K-Othrine® WG 250 should be used as part of an integrated pest management program. It is thus advisable to rotate periodically K-Othrine® WG 250 (Pyrethroid family of insecticides) with products of a different chemical class such as Ficam W, HSE 5390 (Carbamate family of insecticides).

WHO classification: III (slightly hazardous)

Protect from frost.