



K-Othrine®
WG 250

INSECTICIDE

- ✓ Up to 12 weeks control
- ✓ Flexibility of mixing and ability to mix 1 litre
- ✓ Easy to carry and use

40 g e

Read all precautions before use.

For full directions of use, precautions and statutory conditions please see inside label.

WARNING



K-Othrine® WG250

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

Very toxic to aquatic life with long lasting effects.

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

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

HSE 8092, PCS 94096

For 24 hour emergency information contact Bayer CropScience Ltd.

From the UK: 0800 220876

From the Republic of Ireland: Freephone: 1800 409399 or Nearest Poisons Information Centre.

Authorisation holder: Bayer CropScience Ltd

230 Cambridge Science Park - Milton Road - Cambridge - CB4 0WB - United Kingdom

From the UK and the Republic of Ireland: 00800 12149451

Bayer

K-Othrine® WG 250

A water dispersible granule containing deltamethrin giving a fine suspension in water with broad spectrum 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.

Application to hard porous and non-porous surfaces plus soft and hard furnishings (including mattresses). **Not for use on clothing or bedding.**

Indoors:

Domestic: private housing,

Public buildings: commercial and industrial, hospitals, hotels, public baths, municipal buildings, offices, cinemas, halls churches etc.

Product may only be applied in continuously occupied areas such as hospital wards, residential/nursing homes and prisons **as a band/spot or crack and crevice treatment only.**

Food Handling: food storage, processing preparation premises including food retailers, restaurants commercial kitchens, warehouses, slaughterhouses etc.

Outdoors:

Product may also be applied to the outside surfaces of domestic premises and public buildings but only as a perimeter treatment.

Transport: on board ships and aircraft in cabins, galleys etc (complies with the requirements of AMS 1450A and Boeing D6-7127 for use in aircraft).

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. Public Health Insects e.g. bed bugs, fleas, ants, cockroaches. Stored Product Insects	Chronic infestations where re-invasion is likely and long residual control is necessary	5.0 g (10x Ezi-dose)	5 Litres	5 L / 100 m ²
		1.0 g (2x Ezi-dose)	1 Litre	1 L / 20 m ²
	Clean up treatment of isolated infestations	2.5 g (5x Ezi-dose)	5 Litres	5 L / 50 m ²
		0.5g (1x Ezi-dose)	1 Litre	1 L / 10 m ²
FLYING INSECTS. e.g. flies, mosquitoes and moths.		2.5 g (5x Ezi-dose)	5 Litres	5 L / 100 m ²
		0.5g (1x Ezi-dose)	1 Litre	1 L / 20 m ²

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 m² 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 OR SURFACES UNTIL DRY AND AIR THOROUGHLY BEFORE USE.

Use appropriate container to avoid environmental contamination.

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

AVOID EXCESSIVE CONTAMINATION OF COVERALLS AND LAUNDRY REGULARLY.

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

Wear suitable protective clothing, gloves and eye/face protection.

DO NOT BREATHE DUST or spray mist. In case of insufficient ventilation wear suitable 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.

DO NOT APPLY IN OR AROUND DRAINS.

DO NOT EMPTY INTO DRAINS.

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

REMOVE OR COVER ALL FISH TANKS AND BOWLS before application.

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

COVER ALL WATER STORAGE TANKS before application.

ALL BATS ARE PROTECTED UNDER THE WILDLIFE AND COUNTRYSIDE ACT 1981(UK) and SCHEDULE 5 OF THE WILDLIFE ACTS (1976 AND 2000) (IRELAND).

BEFORE TREATING ANY STRUCTURE USED BY BATS, CONSULT NATURAL ENGLAND, SCOTTISH NATURAL HERITAGE OR THE COUNTRYSIDE COUNCIL FOR WALES OR THE NATIONAL PARKS AND WILDLIFE SERVICE FOR IRELAND.

HAZARDOUS TO BEES.

Engineering control of operator exposure must be used where reasonably practicable in addition to the following items of personal protective equipment.

Avoid contact with skin.

When using do not eat, drink or smoke.

DO NOT APPLY DIRECTLY TO ANIMALS.

EXTREMELY DANGEROUS TO FISH AND OTHER AQUATIC LIFE.

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.

STATUTORY CONDITIONS OF APPROVAL RELATING TO USE

FOR USE ONLY AS AN INSECTICIDE

FOR USE ONLY BY PROFESSIONAL OPERATORS.

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 m² (to give 12.5 mg deltamethrin per m²).

Crawling Insects in isolated infestations: dilute 2.5 g of product with 5 litres of water then apply over 100 m² (to give 6.25 mg deltamethrin per m²).

Flying Insects dilute 2.5 g of product with 5 litres of water then apply over 100 m² (to give 6.25 mg deltamethrin per m²).

Users must comply in full with all their legal responsibilities under the Control of Pesticides Regulations 1986 (as amended), including complying with all Conditions of Approval.

READ ALL PRECAUTIONS BEFORE USE

HSE 8092, PCS 94096

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

In Ireland Pesticide Control Service Number 94096.

When stored in a dry place at temperatures not exceeding 35°C K-Othrine® WG 250 has a shelf life of 3 years.

This product is approved under The Control of Pesticides Regulations 1986 (as amended) for use as directed (HSE 8092).

Use only in accordance with the directions on the label.

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www.pestcontrol-expert.com

for MSDS and full label

Bayer