

K-Othrine®

Rapide

Health and Safety Profile

EC Hazard Classification:

(X) Harmful by inhalation.

(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 high quality water-based suspoemulsion concentrate for dilution in water providing fast knockdown and residual control of flying and crawling insect pests. K-Othrine Rapide gives broad-spectrum residual activity on many surfaces and is suitable for use in public health, food handling and commodity storage areas.

For the Control of:

CRAWLING INSECTS including cockroaches, fleas, bed-bugs, ants, earwigs and stored product pests such as grain weevils, grain and flour beetles and carpet beetles.

FLYING INSECTS when resting such as flies, mosquitoes, stored product moths and wasps.

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, raw material stores etc.

Preparation

restaurants, commercial kitchens etc.

On Board Ship

Accommodation and food preparation areas.

Spraying Equipment

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

Directions for Use

Dilute with water only. Mix contents before measuring by inverting container several times. Prepare a fresh dilution as required. Do not store diluted product. Loosen cap on the calibrated dispensing chamber. Squeeze the bottle and liquid will flow into the chamber. When sufficient liquid has entered the chamber, release pressure and pour K-Othrine Rapide into sprayer or mixing vessel. After dispensing K-Othrine Rapide replace and tighten the chamber cap.

For use on hard porous and hard non-porous surfaces and on hard and soft furnishings. The spray should be applied evenly to all surfaces – floors, walls and dunnage. Ensure that all cracks and crevices where insects might find cover are adequately treated.

K-Othrine Rapide may be applied to:

Walls and structural surfaces of rooms and buildings used for the storage of raw or processed foodstuffs, providing the foodstuffs do not come into contact with the treated surfaces and that foodstuffs are either removed or protected from contamination by an impermeable covering such as plastic sheeting before application.

Pallets and dunnage, providing foodstuffs subsequently stored are protected from treated surfaces by an impermeable covering such as plastic sheeting.

Surfaces of stacks of foodstuffs in containers of wood, fibreboard and similar impermeable materials.

Warnings

HARMFUL by inhalation

The product may separate on storage; shake container thoroughly before dispensing.

Do not spray on or near electric motors, switchgear or the moving parts of any machinery.

This product is an insecticide. As with other insecticides, operators should take appropriate precautions when working in the spray and in particular when handling the concentrate.

Not for use on clothing or bedding.

Do not apply on or around drains.

Not for use on filter beds.

PRECAUTIONS

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

WASH ANY CONTAMINATION from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after use.

Keep container tightly closed.

Keep only in the original container.

KEEP IN A SAFE PLACE.

Keep out of the reach of children.

Keep away from food, drink and animal feedingstuffs.

Use appropriate containment to avoid environmental contamination.

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

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.

Application rate

FOR FLYING INSECTS (when resting): Take 40 ml of product and make up to 5 Litres with water then apply 1 Litre of diluted product per 20 m² of surface.

FOR CRAWLING INSECTS: Take 50 ml of product and make up to 5 Litres with water then apply 1 Litre of diluted product per 20 m² of surface.

For use on hard porous and hard non-porous surfaces and on hard and soft furnishings.

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 spray. 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").

Rates of Application

Insects	Dilution Rate	
	K-Othrine Rapide	Water
Crawling Insects e.g. Cockroaches, Fleas, Bed-bugs, Ants, Stored product insects, etc.	50ml	4950ml to make 5 litres of solution
Flying Insects (when resting) e.g. Flies, Mosquitoes, Moths, Wasps, etc.	40ml	4960ml to make 5 litres of solution
For Wasps Nests apply liberally and directly to the entrance holes of concealed nests until the nest is saturated. Treatment should only be carried out at dusk or at other times when wasp activity around the nest is minimal.		

Application

The spray should be applied evenly to all surfaces including floors and walls. Apply to just short of run-off on most surfaces i.e. at a rate of 5 litres per 100m² of surface. Ensure that all cracks and crevices where insects may find harbourage are adequately treated. Very absorbent surfaces such as concrete which dry quickly should be thoroughly wetted. The residual activity of any insecticide deposit will vary depending on the cleanliness and nature of the surface to which it is applied. Therefore re-treat as necessary.

AVOID EXCESSIVE CONTAMINATION OF COVERALLS AND LAUNDER REGULARLY
Take off immediately all contaminated clothing.
However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.
DO NOT CONTAMINATE FOODSTUFFS, EATING UTENSILS OR FOOD CONTACT SURFACES.
COVER WATER STORAGE TANKS before application.
WHEN USING DO NOT EAT DRINK OR SMOKE.
UNPROTECTED PERSONS AND ANIMALS SHOULD BE KEPT AWAY FROM TREATED AREAS UNTIL SURFACES ARE DRY.
DO NOT APPLY DIRECTLY TO ANIMALS.
Do not contaminate ground, waterbodies or watercourses with chemicals or used container.
EXTREMELY DANGEROUS 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.
READ ALL PRECAUTIONS BEFORE USE (HSE 5996)

WHO classification: III (slightly hazardous)

When stored in a dry place at temperatures not exceeding 35°C K-Othrine Rapide has a shelf life of 2 years.

This product is approved under The Control of Pesticides Regulations (1986) for use as directed (HSE 5996).



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ALWAYS READ THE LABEL. USE PESTICIDES SAFELY.
K-Othrine Rapide contains s-bioallethrin 20.05 g/L, deltamethrin 24.99 g/L.
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