



International

Cytrol 10/4 ULV

A versatile multi-functional insecticide for use as both a spray and residual treatment

Contains:

10% w/w cypermethrin

4.0% w/w piperonyl butoxide

Packaging

Available in 500ml autodose bottles and 1 litre, 5 litre and 25 litre containers.

Cytrol 10/4 ULV is universal emulsifiable concentrate that can be diluted with either oil (kerosene or diesel) or water.

When applied as a thermal fog or ULV space treatment it provides cost effective control of flying insects including flies, mosquitoes and biting midges. The product can also be diluted with water and applied as a residual treatment using a compression sprayer for the control of crawling or resting flying insects.

The active substance cypermethrin is a broad spectrum synthetic pyrethroid which provides both rapid kill of target insects and, being photo-stable, provides good residual control. a metabolic synergist to minimise insect metabolic resistances



The addition of the synergist piperonyl butoxide, a metabolic synergist, enhances the kill effect of cypermethrin and minimises the effect of metabolic resistance.

When applied as a thermal fog or ULV space treatment Cytrol 10/4 ULV provides an ideal droplet spectrum for the cost effective control of flying insects including flies, mosquitoes and biting midges.

When used as a space spray kerosene or diesel are the preferred carriers which produce an oil-based aerosol cloud capable of drifting considerable distances with the prevailing wind. This allows control of the target insect over a considerable area.

Water-based space sprays may appear more economic but are more difficult to atomise so a significant amount of product may sediment very quickly. Water based space sprays are also subject to droplet size reduction due to carrier evaporation such that the effective area of insect control is often reduced compared to an oil based space treatment.

Why should you use Cytrol 10/4 ULV

- A versatile formulation that can be diluted with water and applied as a residual treatment or diluted with oil and applied as a space treatment.
- Rapid kill of both flying and crawling insects
- Reliable and long-lasting residual control on all surfaces when applied with a compression sprayer
- Formulated to minimise metabolic resistance

Technical Information

Insects Controlled

Crawling and resting flying insects including bedbugs, fleas, cockroaches, flies, mosquitoes and ticks.

Application

Residual treatment using a compression sprayer.

FOR USE AS A SURFACE SPRAY

Areas of use

For use inside all domestic, commercial and industrial premises including kitchens, hotels, dormitories and sleeping areas, hospitals (excluding occupied wards), military establishments and food storage and processing areas.

Directions for use

Add a small quantity of water to a suitable compression sprayer and then add product according to the label. Add the remainder of the water, close the sprayer securely, shake to mix contents. Pressurise according to the sprayer manufacturer's instructions. One litre of ready-for-use spray treats 20 square metres of surface. Make up spray as required. Do not store spray overnight. Apply as a constant low pressure spray 1-2 Bar pressure. Some surfaces will absorb more spray, e.g. wall-paper, fabric or brickwork, but hard smooth surfaces can allow spray to run-off'.

Fleas: Prior to treatment, thoroughly vacuum the area and seal the contents of the vacuum bag before disposal in the refuse. Apply spray to carpets and soft furnishings, including the underside of cushions and to areas regularly occupied by domestic animals.

Bedbugs: Apply spray to harbourages and resting places on bedframes, headboards and to cracks and crevices around or near the sleeping area. Pay special attention to any loose wall coverings near the sleeping area and to cracks and crevices in bedroom fittings and furniture. Treat under loose carpeting and around doorframes, picture frames and wall cupboards etc.

Cockroaches and other crawling insects: Apply to areas where insects are found, e.g. skirting boards, storage areas, around water pipes, doorframes, window frames, around and behind refrigerators, cabinets, sinks, stoves and the underside of drawers and shelves and to cracks and crevices behind wall-mounted units or fixtures.

Rate of application

Target Pest	Product	Water	Comments
Routine treatment	25ml	5 litres	Maintenance or 'spot' treatment
Heavy infestation	50ml	5 litres	Attack or 'clean-out' treatment

FOR SPACE TREATMENT BY THERMAL FOG OR ULV

Areas of use

For use in public hygiene areas for example where refuse is collected and flies are feeding or breeding or around polluted water such as open drains where mosquitoes may be breeding.

Directions for use

Add a small quantity of diluent to a suitable thermal fogging or ULV machine and then add product according to the label. Add the remainder of diluent, close the sprayer securely, shake to mix contents. Pressurise according to the sprayer manufacturer's instructions. Make up spray as required. Do not store diluted product overnight.

Rate of application

Use	Diluent	Dilution	Application
Thermal Fog Vehicle mounted	Kerosene / Diesel	1 : 100	5 litres per hectare
Thermal Fog Hand held	Kerosene / Diesel	1 : 40	2 litres per hectare
Cold Aerosol ULV Ground operations	Kerosene / Diesel / Water	1 : 11	0,5 litre per hectare
Cold Aerosol ULV Aerial operations	Use undiluted	1 : 100	0,1 litre per hectare

ALWAYS READ THE LABEL BEFORE USE

Storage and disposal

Keep tightly sealed in original container and store away from food, drink and animal feeding stuffs.

Keep out of the reach of children.

Avoid accidental release to the environment.

Dispose of contents/container in accordance with local regulations.

Handling

Wear protective gloves/protective clothing/ eye protection/ face protection.

Wash thoroughly after handling.

Do not eat drink or smoke while using this product.

IF SWALLOWED: Immediately call a POISON CENTRE or doctor/ physician.

IF IN EYES: Rinse copiously with tepid water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/ attention.

Precautions

Harmful if swallowed.

Harmful if inhaled.

Causes skin irritation.

Causes serious eye damage.

May cause respiratory irritation.

Vapours may cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

Very toxic to aquatic life with long lasting effects.

