

Microcare® 3% CS

Controlled Release Insecticide

Microcare® 3% CS Controlled Release Insecticide contains botanically based pyrethrins synergized with piperonyl butoxide (PBO), to deliver fast-acting and residual control of flying and crawling insects. Its SmartCap microencapsulation technology forms a protective shell around the active ingredient, enhancing residual performance and helping shield it from UV exposure, weathering, porous and greasy surfaces, and absorption into soil or organic matter.

- Fast knockdown and residual control
- Formulated with a 1:5 pyrethrins to piperonyl butoxide (PBO) ratio to combat resistance and increase effectiveness
- Water-based microemulsion specifically designed to stay in water solution without agitation
- No withholding time periods for use before animal processing
- Low phytotoxicity



PRODUCT SPECIFICATIONS

Key Target Pest(s) Flies, cockroaches, mosquitoes and stored product pests

Signal Word Caution

Form Concentrate

Active Ingredient(s) Pyrethrins; Piperonyl butoxide (PBO)

Class of Chemistry Pyrethrins (3A); Synergist

Activity Knockdown, residual

Mode of Action Sodium channel modulator

Stability Avoid freezing, but if frozen, thaw and shake before use

Flammability Not listed as flammable or combustible

Odor Mild

PPE Requirements Long pants, long sleeves, shoes and socks

Retreat Interval 1 day

Mix or Dilute In Water only

Shelf Life 2 years or more in ideal storage conditions

Packaging

- 1 gallon unit (2 per case)

Use Sites

Indoor Outdoor Areas

- Residential homes
- Commercial buildings
- Food and non-food areas
- Trees, lawns, landscape, turf

Outdoor Areas

- Livestock housing
- Poultry housing
- On/over animal

Residential Misting Systems



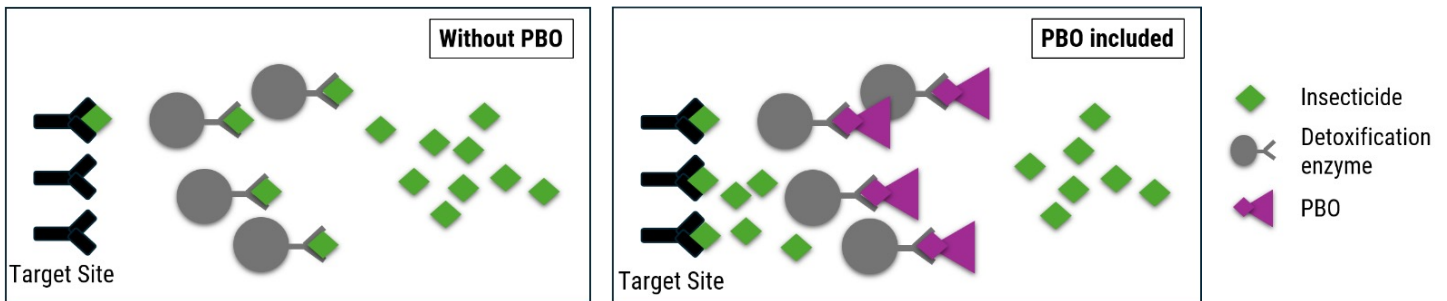
Application Methods

- Crack and crevice
- Direct spray
- Foam application
- Spot treatment
- Surface spray
- Void treatment

Recommended Equipment

- Compressed air sprayer
- Hose-end sprayer
- Hydraulic sprayer
- Power sprayer
- Void injection equipment

Piperonyl Butoxide (PBO) Enhances Insecticide Efficacy



To have a lethal effect, the active ingredient in an insecticide needs to reach its target site within the insect. Resistant insects commonly have a heightened defense mechanism, cytochrome P450 enzymes, that attack insecticides. PBO binds to these detoxification enzymes, allowing the insecticide to reach its target site and work more effectively.

SCAN ME



Scan QR code or visit
mgk.com/microcare-3-cs-controlled-release
to see resources and
additional information

MGK Sustainability in Action

- Water-based, non-flammable formulation concentrated to reduce transportation carbon emissions
- Gallon container and totes are HDPE and 100% recyclable
- Shipping cartons and paper labels are sourced from Sustainably Managed Forests
- Formulated in a production facility that uses 100% renewable energy

Always read and follow all label instructions.

For any medical or safety questions, concerns, or incident reports, call 1-888-740-8712.