

# ULD® BP-100

## Contact Insecticide II

ULD® BP-100 Contact Insecticide II is a versatile, oil-based fogging concentrate containing synergized pyrethrins to control a broad spectrum of insects.

- Controls over 70 insects including flies, lice and cockroaches
- No withholding time periods for use before animal processing
- Authorized for use in federally inspected meat and poultry plants
- Synergized with piperonyl butoxide (PBO) to maximize effectiveness



### PRODUCT SPECIFICATIONS

<b>Key Target Pest(s)</b>	Cockroaches, flies, stored product pests
<b>Signal Word</b>	Caution
<b>Form</b>	Concentrate
<b>Active Ingredient(s)</b>	Pyrethrins; Piperonyl butoxide (PBO)
<b>Class of Chemistry</b>	Pyrethrins (3A); Synergist
<b>Activity</b>	Kills by contact
<b>Mode of Action</b>	Sodium channel modulator; Interference with P-450 mediated detoxification system
<b>Stability</b>	If frozen, thaw and shake before use
<b>Flammability</b>	Not listed as flammable or combustible
<b>Odor</b>	Solvent
<b>PPE Requirements</b>	Long pants, long sleeves, shoes and socks, chemical resistant gloves, respirator (enclosed spaces)
<b>Retreat Interval</b>	1 day
<b>Mix or Dilute In</b>	Oil (optional)
<b>Shelf Life</b>	3 years or more in ideal storage conditions

### Packaging

- 1 gallon unit (4 per case)
- 55 gallon drum

### Use Sites

#### Indoor and Outdoor Areas

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

#### Livestock Areas

- On and over animals
- Livestock housing
- Poultry housing

#### Automatic Misting Systems



## Application Methods

- Space spray
- Spot treatment
- Crack and crevice
- Direct spray
- Void injection

## Recommended Equipment

- Mechanical aerosol generators
- Ultra-low-volume (ULV) generators
- Backpack mist blower
- Thermal and conventional foggers
- Handheld sprayers

## Mix Rates

ULD BP-100 can be applied undiluted or diluted with an appropriate white mineral or paraffinic oil according to the dilution chart below:

Pyrethrin % Desired	Mixture Rate	Application Rate per 1,000 cu. ft.
0.5	1 part concentrate to 1 part oil	1 fl. oz.
0.3	3 part concentrate to 7 part oil	1-2 fl. oz.
0.15	3 part concentrate to 17 part oil	1-2 fl. oz.

## Benefits of Oil-Based Fogging Concentrates From the MGK Technical Department

- Produce a denser fog with longer suspension time than water-based concentrates, improving overall coverage.
- Oil-based formulation promotes better adhesion to animal hides and feathers, as observed in livestock and poultry environments.

### MGK Sustainability in Action

- Formulated with botanical active ingredient from Pyrethrum flowers
- Container is HDPE and 100% recyclable
- Formulated in a production facility that uses 100% renewable energy
- Responsibly sourced ingredients, like pyrethrum from Tanzania, supports long-term prosperity for smallholder farmers and drives economic growth in their communities

SCAN ME



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[mgk.com/uld-bp-100](https://mgk.com/uld-bp-100)  
to see resources and  
additional information

**Always read and follow all label instructions.**

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