

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

Key Target Pest(s) Cockroaches, flies, stored product pests

Signal Word Caution

Form Concentrate

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

Class of Chemistry Pyrethrins (3A); Synergist

Activity Kills by contact

Mode of Action Sodium channel modulator; Interference with P-450 mediated detoxification system

Stability If frozen, thaw and shake before use

Flammability Not listed as flammable or combustible

Odor Solvent

PPE Requirements Long pants, long sleeves, shoes and socks, chemical resistant gloves, respirator (enclosed spaces)

Retreat Interval 1 day

Mix or Dilute In Oil (optional)

Shelf Life 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



Scan QR code or visit 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.