

**BUGCON ZEP ULTIMATE****PCP 27617**

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SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

McLAUGHLIN GORMLEY KING COMPANY

8810 Tenth Avenue North

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U.S.A.

EMERGENCY TELEPHONE NUMBER

In case of medical environmental or transportation emergencies or
Inquiries. Call 1-800-471-0660 (24 hours day).

For product use information, call: (800) 337-2657 (Days)

PRODUCT NAME: BUGCON ZEP ULTIMATE

CHEMICAL NAME: Mixture; active ingredient. PYRETHRIN

CHEMICAL FAMILY: BOTANICAL SYNERGIST

PRODUCT DESCRIPTION: BUGCON ZEP ULTIMATE

BUGCON ZEP ULTIMATE is a ready-to-use insecticide for commercial use both indoors and outdoors.

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	%	CAS #	LD-50 OF MATERIAL	LC-50 OF MATERIAL SPECIFY SPECIES.
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Pyrethrins

Piperonyl Butoxide

Petroleum Distillates

Calculate LD50 for mixture 0.166 1.66 75 – 98 8003-347 51-03-6 64742-47-8

Oral, rat 1030 Dermal, rat >2000 Oral, rat 2010 Oral, rat >5000 Dermal, rabbit >3000
102,000 5 mg/m3

SECTION 3 - PHYSICAL DATA

Physical State: Liquid **Specific Gravity:** 0.792 **Boiling Point:** 184 to 212°C

Vapor Pressure: 0.147 kPa @ 20°C **% Volatiles:** 99 % **Solubility in Water:** Insoluble

Appearance\Odor: Pale yellow liquid, Hydrocarbon odor **pH:** No Data

Freezing/Melting Point: No Data **Vapor Density:** 5.4 (Air=1) **Evaporation Rate:** 1.1 approx.

SECTION 4 - FIRE AND EXPLOSION

Flash Point: 64°C. T.C.C. **Lower Explosion Limit %:** 1.4 % **Auto ignitions Temperature:** 227°C

Upper Explosion Limit %: 9.3 %

Fire Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical or Water

Fire Fighting Procedures: Wear self-contained Breathing Apparatus and impervious clothing.

Minimize the amount of water used and dike the area for runoff.



Other Fire or Explosion Hazards: Container may explode under intense heat. Vapor is heavier than air, may settle in low area or travel some distance along the ground to ignition sources and then may ignite or explode.

SECTION 5 - REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will Not Occur

Conditions to Avoid: Prolonged exposure to elevated temperatures.

High Test Insect Spray

Incompatibility (Materials to Avoid): Acidic or alkaline conditions may cause product to decompose.

Hazardous Decomposition Products: Carbon monoxide and Carbon Dioxide

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: May cause temporary irritation to the eyes, nose, throat and respiratory tract. Prolonged exposure to vapours can cause headache, dizziness, nausea and nervous system depression.

Effects of Chronic Exposure: Prolonged exposure may cause defatting and drying of the skin, possibly progressing to dermatitis.

Other Health Effects: None Known

SECTION 7 - FIRST AID PROCEDURES

Inhalation: Move victim to fresh air and restore breathing if required.

OBTAIN MEDICAL ADVICE.

Skin Contact: Flush skin with running water and thoroughly wash with soap and water.

If irritation persists seek

MEDICAL ADVICE: Ingestion: Give 1 to 2 glasses of water (200 to 500 ml) to dilute material.

Do not induce vomiting. **OBTAIN MEDICAL ADVICE:** If vomiting occurs, have victim lean forward with head down to avoid breathing of vomitus. Never give anything by mouth to an unconscious person.

Eye Contact: Flush eyes with running water for 20 minutes.

Hold eyelids open during flushing. If irritation persists seek Medical Attention.

SECTION 8 - PREVENTIVE MEASURES

Respiratory Protection: Required in the absence of proper ventilation

Eye Protection: Safety Goggles optional

Skin Protection: Chemical resistant gloves

Other Personal Protective Equipment: Coveralls

Engineering Controls: Source of ventilation

Handling Procedures and Equipment: Avoid breathing vapours and mists, contact with eyes, skin and clothing. Wash thoroughly after use.

Storage Requirements: Store in cool, dry, well ventilated area.

Keep out of reach of children and pets.

Storage Temperature: Min: 0°C Max: 50°C

**SECTION 9 - ENVIRONMENTAL PROTECTION DATA**

Spill and Leak Procedures: Eliminate all ignition sources.

Stop leak, contain spill by diking and absorb with suitable absorbent and transfer into waste containers for disposal. Clean area with detergent and water, absorb wash and place in waste container.

Remove any contaminated soil for proper disposal.

Waste Disposal: Dispose of empty container with household garbage.

Dispose of waste product in accordance with Local, Provincial or Federal government regulations.

Environmental Effects: This product is toxic to fish and wildlife.

Do not contaminate local water supplies or environments.

SECTION 10: ADDITIONAL INFORMATION

THE INFORMATION ON THIS MATERIAL SAFETY

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