

**Material Safety Data Sheet**

June 3, 2004 PCP27576

**BUGCON ULTIMATE<sup>PLUS</sup>**

Proline Pest Control Supplies

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e-mail [glx\\_bugcon@sympatico.ca](mailto:glx_bugcon@sympatico.ca).**PCP 27576****Commercial****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 PROLINE ULTIMATE****CHEMICAL NAME:** Mixture; active ingredient. Pyrethrin**CHEMICAL FAMILY: BOTANICAL SYNERGIST****PRODUCT DESCRIPTION: PROLINE ULTIMATE**

**PROLINE ULTIMATE** is a ready-to-use insecticide for commercial use both indoors and  
outdoors.

**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT NAME	%	CAS #
MATERIAL SPECIFY SPECIES.		
Pyrethrins	0.5%	008003-34-7
Piperonyl Butoxide	2.00%	000051-03-6
Petroleum Distillates	97.00%	64742-47-8

**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.



## Material Safety Data Sheet

June 3, 2004 PCP27576

**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**

**Material Safety Data Sheet**

June 3, 2004 PCP27576

**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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DATED.....June 3, 2004

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