MATERIAL SAFETY DATA SHEET

WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.
3568 TREE COURT IND. BLVD.
ST. LOUIS, MO 63122
EFFECTIVE: FEBRUARY 7, 2000

Prescription Treatment® brand
ULD® BP-50
Contact Insecticide
Formula 1

(800) 777-8570 (8:00 A.M. to 4:30 P.M. CST)
EMERGENCY PHONE NUMBERS:
MEDICAL: (800) 225-3320 PROSAR
TRANSPORTATION: (800) 424-9300 CHEMTREC
EPA REG. NO.: 499-453

SECTION 1: HAZARDOUS INGREDIENTS

Active Ingredients:	ACGIH TLV/TWA	ACGIH STEL	OSHA PEL	OTHER
Pyrethrins: 0.5% (CAS #8003-34-7)	5mg/m^3	NE	NE	
Piperonyl Butoxide, Technical: 5.0% (CAS #51-03-6)	NE	NE	NE	
Inert Ingredients:				
Petroleum Distillate: 94.50% (CAS #64742-47-8)	NE	NE	NE	300 ppm Supplier Rec.

All components of this product are listed or excluded from listing on the US Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SECTION 2: PHYSICAL DATA

Boiling Point: > 200°F
Specific Gravity (H_20 = 1): 0 .8
Vapor Pressure (mmHg): < 0.1
Vapor Density (Air = 1): 6
Viscosity: 3.04
Evaporation Rate (Butyl acetate = 1): NE
Solubility in Water: Negligible
Appearance and Odor: Clear yellow liquid/ mild solvent odor.
Melting Point: NE

SECTION 3: FIRE AND EXPLOSION HAZARD DATA

Flashpoint (Method Used): 191°F (TCC)
Flammable Limits: LEL: 1.3; UEL: 8.1 @ 77°F (for petroleum distillate)
Extinguishing Media: Foam; Dry Chemical; Water
Firefighting Procedures: Treat as an oil fire. Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boilover. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.
Unusual Fire and Explosion Hazards: Static Discharge, material can accumulate static charges which can cause an indendiary electrical discharge. Liquid runoff to sewers may create fire/explosion hazard.
NFPA Flammability: Class III A Combustible Liquid

SECTION 4: HEALTH HAZARD DATA

Threshold Limit Value: NE
Routes of Entry:

Inhalation?	Skin?	Ingestion?
X	X	

Health Hazard (Acute and Chronic) - Signs and Symptoms of Exposure:
Eye: Direct contact of product with eyes can cause irritation. Product produced minimal irritation in albino rabbits reversible in 24 hours.
Skin: Prolonged or repeated contact of product with skin may cause irritation. Acute dermal toxicity LD_{50} > 2000mg/kg.
Ingestion & Inhalation: Product spray mist, fog or vapor may cause irritation to nose, throat and lungs if adequate ventilation is not employed. If taken internally, aspiration of liquid product can cause chemical pneumonitis. Acute oral toxicity LD_{50} > 5000mg/kg. Acute inhalation LC_{50} = 7.0mg/L.
Carcinogenicity:

NTP?	IARC Monograph?	OSHA Regulated?
No	No	No

Emergency and First Aid Procedures:
If Swallowed: Contains petroleum distillate. Call a physician or poison control center immediately. Do not induce vomiting - vomiting may cause aspiration pneumonia.
If Inhaled: Remove victim to fresh air and apply respiration if needed.
If on Skin: Remove contaminated clothing, wash promptly with soap and water.
If in Eyes: Flush eyes with plenty of water.
Medical Conditions Generally Aggravated by Exposure: None known.

SECTION 5: REACTIVITY DATA

Stability: Stable.
Conditions to Avoid: None known.
Incompatibility (Materials to Avoid): Strong oxidizing agents.
Hazardous Decomposition Products: When exposed to fire, produces normal products of combustion.
Hazardous Polymerization: Will not occur.

SECTION 6: SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Eliminate all ignition sources. Do not let spilled or leaking material enter watercourse. May be toxic to aquatic life. Absorb with oil-dry or similar inert material. Sweep or scrape up and containerize. Wear/use appropriate protective equipment.
Emergency Telephone Number of Chemtrec: (800) 424-9300 (for transportation spills)

P/N 19-0782
SLBP50

SECTION 6: SPILL OR LEAK PROCEDURES *(cont'd.)*

Waste Disposal Method: Do not contaminate water, food or feed by disposal. *Pesticide Disposal:* Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. *Container Disposal:* Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.
In case of spillage, this product is subject to reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

SECTION 7: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use a respiratory device as recommended by NIOSH/MSHA for protection against organic vapors and pesticides.
Ventilation:
Local Exhaust: Ventilate area before reentering. Do not remain in enclosed areas without appropriate respiratory protection.
Protective Gloves: If prolonged or repeated contact is possible; any impervious material.
Eye Protection: Chemical worker's splash proof goggles.
Other Protective Equipment: Rubber boots, full legged pants, long sleeve shirts. Launder contaminated equipment or clothing before reuse.

SECTION 8: SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: *Hazards to Humans and Domestic Animals:* Keep out of reach of children. CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling. Do not apply directly to food. Foods should be removed or covered during treatment. All food processing surfaces and equipment should be covered during treatment or washed with an effective cleaning compound followed by a potable water rinse. Do not apply while food processing is underway. In the home, all food processing surfaces, dishes and utensils should be covered during treatment, or thoroughly washed before use. Remove pets, birds, cover fish aquariums and turn off air pump motor before spraying. *Environmental Hazards:* This product is toxic to fish. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on its label. *Physical and Chemical Hazards:* Do not use or store near heat or open flame. Note: Some furniture finishes, and particularly plastics, can be damaged by petroleum based insecticides. To avoid damage, cover those items and do not spray directly. If in doubt, test by applying this material to an inconspicuous area before spraying. *Storage:* Do not contaminate water, food or feed by storage. Store in a cool, dry area away from children, heat, sparks or open flame.

SECTION 9: HEALTH RATING INFORMATION (NFPA)

Health - 1 Flammability - 2 Reactivity - 0

SECTION 10: SARA TITLE III/SEC. 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

CAS#	Chemical Name	% by weight
51-03-6	Piperonyl Butoxide	5.0

SECTION 11: DOT SHIPPING INFORMATION

< 25 gal.:
Proper Shipping Name: Liquid Insecticide (Not Regulated).
Hazard Class: NA

≥ 25 gal.:
Proper Shipping Name: Environmentally Hazardous Substances, Liquid, NOS (Pyrethrin)
Hazard Class: 9 **UN I.D. No.:** UN 3082 **Packing Group:** III **RQ** (1 lb.)

NA - Not Applicable
NE - Not Established
PEL - Permissible Exposure Limit
ACL - Acceptable Ceiling Level
MPC - Maximum Peak Concentration

Product Code: 02-4912 (4 x 1 gallon)
02-4915 (2 x 2.5 gallon)
02-4914 (1 x 55 gallon)
Prepared by: Dana M. Thomas

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