

MATERIAL SAFETY DATA SHEET

WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.
3568 TREE COURT IND. BLVD.
ST. LOUIS, MO 63122
EFFECTIVE DATE: JUNE 1, 1999

PRESCRIPTION TREATMENT® brand

MICROCARE® CS

Controlled Release Pyrethrum

(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.: 499-233

SECTION 1: HAZARDOUS INGREDIENTS

Active Ingredients:	ACGIH	ACGIH	OSHA
	TLV/TWA	STEL	PEL
Pyrethrins: 1.1% (CAS #8003-34-7)	5mg/m ³	10mg/m ³	NE
Piperonyl Butoxide, Technical: 2.2% (CAS #51-03-6)	NE	NE	NE
N-octyl Bicycloheptene Dicarboximide: 3.7% (CAS #113-48-4)	NE	NE	NE
Other Ingredients: 93.0%			
Isoparaffinic Hydrocarbon: 4.5% (CAS #64742-48-9)	NE	NE	300ppm

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

SECTION 2: PHYSICAL DATA

Boiling Point: NA	pH: 7.0
Specific Gravity (H ₂ O = 1): 0.998 @ 20°C	Evaporation Rate: ~1
Vapor Pressure in Aerosol Container: NA	Solubility in Water: Disperses
Percent Volatile: ~93%	Appearance and Odor: Beige-yellow liquid with characteristic Pyrethrin odor.
Vapor Density: NA	

SECTION 3: FIRE AND EXPLOSION HAZARD DATA

Flashpoint: None (ASTM Designation D-13-10-SST) Tag Open Cup
Flammable Limits: NA
Extinguishing Media: CO₂; Dry Chemical; Foam; H₂O
Special Firefighting Procedures: None required - water based formulation.
Unusual Fire and Explosion Hazards: None.

SECTION 4: HEALTH HAZARD DATA

Threshold Limit Value: NE

Routes of Entry:

Inhalation?	Skin?	Ingestion?
Secondary	NA	Primary

Health Hazard (Acute and Chronic) - Signs and Symptoms of Exposure:

Eye: Product is not an eye irritant for albino rabbits.

Skin: Product is not a skin irritant for albino rabbits. Acute dermal toxicity - LD₅₀ > 2,000 mg/kg (rabbits).

Ingestion & Inhalation: Acute oral toxicity - LD₅₀ > 5,000 mg/kg (rats). Encapsulation greatly reduces the toxicity and irritation potential of the active ingredients. A few cases of extrinsic asthma have been reported for pyrethrum.

Carcinogenicity:

NTP?	IARC Monograph?	OSHA Regulated?
No	No	No

Emergency and First Aid Procedures:

If in Eyes: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

If Swallowed: Call a physician or poison control center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If on Skin: Remove contaminated clothing and wash affected areas with soap and water. Seek medical attention if irritation persists.

If Inhaled: Remove patient to fresh air. Apply artificial respiration if indicated. Seek medical attention.

Medical Conditions Generally Aggravated by Exposure: None known.

SECTION 5: REACTIVITY DATA

Stability: Stable.

Hazardous Decomposition Products: Thermal decomposition in open flame will result in possible toxic substances.

Hazardous Polymerization: Will not occur.

SECTION 6: SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Absorb spillage with sand or other inert material. Sweep or scoop up and dispose absorbant in accordance with Federal and local regulations. Then flush with water.

Emergency Telephone Number of Chemtrec: (800) 424-9300 (for transportation spills)

Waste Disposal Method: Pesticide Disposal: Do not contaminate water, food or feed by disposal. Pesticide spray mixture or rinse water that cannot be used according to label directions must be disposed of according to applicable Federal, state or local procedures.

Container Disposal: Container is not refillable. Triple rinse container then offer for recycling or reconditioning, or dispose of in a sanitary landfill or by incineration, if allowed, 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: None required. Avoid breathing spray mist.

Ventilation:

Local Exhaust: None required.

Mechanical: None required.

Special: None required.

Other: Ventilate area after treatment.

Protective Gloves: Applicators and other handlers, and early reentry require waterproof gloves.

Eye Protection: None required. Safety glasses are recommended, however.

Other Protective Equipment: Applicators and other handlers must also wear long-sleeved shirt and long pants and shoes plus socks. Early reentry calls for coveralls and shoes plus socks.

SECTION 8: SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Keep out of reach of children. *Hazards to Humans and Domestic Animals:* CAUTION - Avoid contact with eyes. In case of contact, immediately flush eyes with plenty of water. Get medical attention if irritation persists. Avoid breathing spray mist. Keep container closed when not in use. Cover or remove fish bowls and aquaria. Food should be removed or covered during treatment. All food contact surfaces and cooking utensils should be covered during treatment or thoroughly cleaned before using. Keep out of lawn and garden fish pools and other bodies of water. *Environmental Hazards:* This pesticide is toxic to fish and birds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Keep out of lakes, streams and ponds. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on its label. *Physical or Chemical Hazards:* Do not spray where electrical short circuits might result, such as wall outlets, conduits, motors, switches, etc. Do not spray directly into any electronic equipment such as radios, televisions, computers, telephones, etc. *Other Precautions:* Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. *Storage:* Do not contaminate water, food or feed by storage. Store in original container. Keep away from children. Do not store below 32°F. If exposed to temperatures below 32°F, thaw completely and mix well before using.

SECTION 9: HEALTH RATING INFORMATION (NFPA)

Health - 1 Flammability - 0 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	2.2

SECTION 11: DOT SHIPPING INFORMATION

Proper Shipping Name: Liquid Insecticide, NOS (Not Regulated)

Hazard Class: NA

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

Product Code: 02-0170-2 (6 x 2 qt.)
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