Prescription Treatment® brand
Ultra-Fine® Oil
All Season Horticultural Insecticide, Miticide and Fungicide

MATERIAL SAFETY DATA SHEET

WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.
3568 TREE COURT IND. BLVD.
ST. LOUIS, MO 63122-6682
EFFECTIVE DATE: OCTOBER 28, 1998

SECTION 1: HAZARDOUS INGREDIENTS

Solvents & Inert Ingredients: 
- Refined Light Paraffinic Petroleum Oil: 90-100%
- Alkyl Aryl Polyoxyethoxy Ethanol Monionic: 0-1.0%
- Refined Light Paraffinic Petroleum Oil: 90-100%
- Alkyl Phenol Coupler: 0-1.0%
- Solvents & Inert Ingredients: 90-100%

SECTION 2: PHYSICAL DATA

- 50% Distillation Point of Paraffinic Oil: 65°F
- Specific Gravity: 1.038
- Viscosity: 88 SUS @ 100°F, 11.6 CST @ 40°C
- Specific Volatility: 58.6
- Vapor Pressure: 0.0001 (mm Hg @ 20°C)
- Solubility in Water: Nil
- Appearance and Odor: Colorless fluid, little odor.

SECTION 3: FIRE AND EXPLOSION HAZARD DATA

Flashpoint: 340°F min. COC, 172°C min. CDD
Autoignition Temp.: 650°F Est., 343°C Est.
Flammable Limits: ND
Extinguishing Media: C02, Foam, Dry Chemical; Water
Special Firefighting Procedures: Wear self-contained breathing apparatus. Wear structural firefighting equipment. Unusual Fire and Explosion Hazards: None known.

SECTION 4: HEALTH HAZARD DATA

Threshold Limit Value: NE
Routes of Entry: Inhalation? X
Skin? X
Ingestion? X

Health Hazard (Acute and Chronic) - Signs and Symptoms of Exposure:
Inhalation & Inhalation: DANGER! Harmful or fatal if swallowed. Pulmonary aspiration hazard if swallowed and/or vomiting occurs - can enter lungs and cause damage. Practically non-toxic (LD50 > 15,000 mg/kg). Estimated oral LD50 > 30,000 mg/kg (rats). Excessive exposure may cause irritation to eyes, nose, throat, lungs; respiratory tract.
Skin: Practically non-toxic if absorbed (LD50 > 2000 mg/kg). May cause mild irritation with prolonged or repeated contact. Draize skin irritation score is 1.84 out of 8.0. Estimated dermal LD50 > 5000 mg/kg (rabbits).
Eye: Contact with the eye may cause minimal irritation. Draize eye irritation scores are: 6.7, 0.0, 0.0, 0.0 out of 110.0 at 1, 24, 48 and 72 hours.
Carcinogenicity: NTP? No
IARC Monograph? No
OSHA Regulated? No

Emergency and First Aid Procedures:
If Inhaled: Move person to fresh air.
If on Skin: Wash with soap and water until no odor remains. If redness or swelling develops, obtain medical assistance. Wash clothing before reuse.
If in Eyes: Flush with water.
If Swallowed: Do not induce vomiting! Do not give liquids! Obtain emergency medical attention. Small amounts which accidentally enter mouth should be rinsed out until taste of it is gone.

Medical Conditions Generally Aggravated by Exposure: Disorders or diseases of the skin, respiratory, pulmonary system and lung (e.g. Asthma-like conditions).

SECTION 5: REACTIVITY DATA

Stability: Stable
Incompatible Materials: Strong oxidizers
Hazardous Decomposition: Combustion will produce carbon monoxide and asphyxiants
Hazardous Polymerization: Will not occur.

SECTION 6: SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Use personal protective equipment stated in Section 7. Advise EPA; State Agency if required. Absorb on inert material. Shovel, sweep or vacuum spill.

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

SECTION 7: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Usually not needed unless product is heated or misted. Concentration in air determines protection needed. Follow guidelines established by MSHA/NIOSH.
Ventilation: Ventilate as needed to comply with exposure limit.
Protective Gloves: Recommended when prolonged skin contact cannot be avoided. The following glove materials are acceptable: PCV; PVA; Neoprene; Nitrile; Viton.
Eye Protection: Splash proof chemical goggles recommended to protect against splash of product.
Other Protective Equipment: If contact is unavoidable, wear chemical resistant clothing. The following materials are acceptable as protective clothing materials: PVC; PVA; Neoprene; Nitrile; Viton; Polyurethane; Launder soiled clothes.

SECTION 8: SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Hazards to Humans and Domestic Animals: Keep out of reach of children. Avoid prolonged breathing of spray mist or vapor. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling.
Environmental Hazards: This product is toxic to fish.
Storage: Keep in cool, dry place. Keep container tightly closed. NFPA Class IIIIB Storage. Do not contaminate water, food or feed by storage.

SECTION 9: HEALTH RATING INFORMATION (NFPA)

Health - 0
Flammability - 1
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

This product contains no Section 313 chemicals.

SECTION 11: DOT SHIPPING INFORMATION

Proper Shipping Name: Petroleum Oil NOIBN
Hazard Class: Not regulated.
UN I.D. No.: Not regulated.

Product Code: 09-2300 (2.5 gal.)
09-2901 (30 gal.)
Prepared by: Dana M. Thomas