

# MATERIAL SAFETY DATA SHEET

## MotherEarth™ Exempt Contact Insecticide

### EMERGENCY PHONE NUMBERS:

**MEDICAL:** 800-225-3320 (Prosar)**TRANSPORTATION:** 800-424-9300 (Chemtrec)

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** MotherEarth Exempt Contact Insecticide  
**EPA Reg. No.:** NA  
**Product Code(s):** 02-0722 (12 x 17.5 oz)  
**EPA Signal Word:** CAUTION  
**Distributed by:** Whitmire Micro-Gen Research Laboratories, Inc.  
 3568 Tree Court Industrial Blvd.  
 St. Louis MO 63122-6682

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### COMPOSITION INFORMATION

ACTIVE INGREDIENTS (6.5%)	%	CAS NO.
Geraniol	6.0	NA
Lemongrass	0.5	NA

OTHER INGREDIENTS* (93.5%)	%	CAS NO.
White Mineral Oil	>10.0	8042-47-5

\* All ingredients may not be listed. Ingredients not listed do not meet the reporting requirements of the OSHA Hazard Communication Standard (HCS) as specified in 29 CFR 1910.1200.

#### EXPOSURE INFORMATION

MATERIAL	OSHA PEL		ACGIH TLV	
	STEL	TWA	STEL	TWA
Geraniol	NE	NE	NE	NE
Lemongrass	NE	NE	NE	NE
White Mineral Oil (mist)	NE	NE	10.0 mg/m <sup>3</sup>	5.0 mg/m <sup>3</sup>

### SECTION 3. HAZARDS IDENTIFICATION

#### NOTES TO PHYSICIAN

Contains petroleum distillate – vomiting may cause aspiration pneumonia.

#### SIGNS/SYMPTOMS OF EXPOSURE

Product may be irritating if there is contact with the skin, eyes, or if product is swallowed or inhaled.

#### ROUTES OF ENTRY

**Primary:** Skin      **Secondary:** Ingestion      **Tertiary:** Inhalation

#### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame may result in carbon monoxide and carbon dioxide.

#### UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Contents under pressure. Exposure to temperatures above 130°F may cause bursting.

### SECTION 4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor or going for treatment. Describe any symptoms and follow the advice given.

**Eye Contact:** Hold eyes open and rinse slowly and gently with water for 15 - 20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

**Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 min. Call a poison control center or doctor for treatment advice.

**Ingestion:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give ANY liquid to the person. Do not give anything by mouth to an unconscious person.

**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**Note to Physician:** Contains petroleum distillate – vomiting may cause aspiration pneumonia.

**Medical Conditions Generally Aggravated by Exposure:** May aggravate conditions of the eye and the respiratory system.

**Emergency Telephone Number of Prosar:** 800-225-3320 (for medical emergencies)

### SECTION 5. FIRE FIGHTING MEASURES

#### FIRE AND EXPLOSION

**Flash Point (TCC):** NE

**Flame Projection:** NE

**Explosibility Limits of Propellant in Air (% by volume):**

Lower (LEL) = NE      Upper (UEL) = NE

**NFPA 30B Flammability:** Level 3 Aerosol

#### UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Contents under pressure. Exposure to temperatures above 130°F may cause bursting.

#### IN CASE OF FIRE

**Extinguisher Media:** Carbon Dioxide, Dry Chemical, Foam

**Special Fire Fighting Procedures:** Full "turn-out" gear and self-contained breathing apparatus with full face-piece operated in positive pressure mode. Use water spray to cool fire exposed containers and structures.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### IN CASE OF SPILL OR LEAK

If container begins to leak (through puncture, etc.), eliminate all ignition sources and allow to discharge completely in well ventilated area, then dispose of as directed below.

This product contains no Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) listed chemicals. Releases of this product are NOT reportable to the National Response Center.

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

#### PROTECTIVE EQUIPMENT FOR CLEANUP PERSONNEL

**Eyes:** Use proper protection – safety glasses are recommended.

**Skin:** Wear chemical-resistant gloves. (Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.)

**Inhalation:** Use of a respirator may be appropriate when working with spills in enclosed or confined spaces, or when prolonged exposure to product vapor or spray mist may occur. When using a respirator, wear a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R or P prefilter. See 29 CFR 1910.134 for respiratory protection, training, and testing requirements.

#### WASTE DISPOSAL METHOD

Do not contaminate water, food or feed by storage or disposal of wastes. Take full or leaking containers to a local disposal company for biological treatment or incineration. Review all local, state, and federal regulations concerning health and pollution to determine approved disposal procedures. NEVER PLACE WASTES DOWN ANY INDOOR OR OUTDOOR DRAIN OR SEWER.

### SECTION 7. HANDLING AND STORAGE

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children. **CAUTION**

#### PHYSICAL AND CHEMICAL HAZARDS

**Flammable.** Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not spray directly into electronic equipment such as radios, televisions, computers, etc.

#### STORAGE

Do not contaminate water, food or feed. Store in a cool, dry place away from heat, sparks and open flame and inaccessible to children.

### SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Respiratory Protection:** None required when used according to label directions. For prolonged exposure or if used in enclosed or confined areas, a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R or P prefilter may be used. See 29 CFR 1910.134 for respiratory protection, training, and testing requirements.

**Protective Gloves:** Chemical-resistant gloves are recommended if prolonged or repeated skin contact is likely. (Good practice requires that gross amount of any chemical be removed from the skin as soon as practical, especially before eating or smoking.)

**Eye Protection:** Use proper protection – safety glasses are recommended.

**Other Protective Equipment:** None required

#### VENTILATION

**Local Exhaust:** May be required to reduce airborne mist and vapors.

**Mechanical:** None required

**Special:** None required

**Other:** Provide adequate ventilation of treatment area.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Liquid spray

**Solubility in Water:** Not Soluble

**Viscosity:** NE

**Boiling Point:** NE

**pH:** NE

**Odor:** Floral odor

**Vapor Pressure:** 90 - 100 psig

**Vapor Density:** NE

**Freezing/Melting Point:** NE

**Density:** < 1 (water = 1)

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## MotherEarth™ Exempt Contact Insecticide

### SECTION 10. STABILITY AND REACTIVITY

#### REACTIVITY

**Stability:** Indefinite when stored and used according to label directions.  
**Conditions to Avoid:** Do not spray into open flame or onto very hot surfaces.  
**Incompatibility (Material to Avoid):** Strong oxidizing agents  
**Hazardous Polymerization:** Will not occur

#### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame may result in carbon monoxide and carbon dioxide.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### ROUTES OF ENTRY

**Primary:** Skin      **Secondary:** Ingestion      **Tertiary:** Inhalation

#### ACUTE

Toxicological properties have not been fully investigated. The individual components of this product are known to have low oral and dermal toxicity. This mixture is expected to have a similar toxicological profile. Prolonged contact with skin, eyes, or nasal passages from inhalation of vapors may be irritating. Ingestion of this product could result in irritation of the gastrointestinal tract, diarrhea and frequent loose stools, nausea and headache.

#### CHRONIC/CARCINOGENICITY

Neither this product nor any of its ingredients are classified as carcinogens by the National Toxicity Program (NTP), the International Agency for Research on Cancer (IARC) or the Occupational Safety and Health Administration (OSHA).

### SECTION 12. ECOLOGICAL INFORMATION

This product may be toxic to fish, birds and other wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Apply this product only as specified on the label.

### SECTION 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal of container or waste. Dispose of container and waste in accordance with all federal, state and local regulations.

**Container Disposal:** Do not puncture or incinerate! Empty container by using the product according to the label directions. Offer empty container for recycling, if available, or place in trash if allowed by state and local regulations. If container is partly full, contact your local solid waste agency for disposal instructions.

**Waste Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### SECTION 14. TRANSPORT INFORMATION

#### SHIPMENT BY GROUND WITHIN U.S. (DOT CLASSIFICATION)

**Proper Shipping Description:** Consumer Commodity ORM-D

**Package Marking:** Consumer Commodity ORM-D

**Package Labeling:** None required

**Certified Packaging:** None required

Product in unopened original packaging is compliant with all regulations for ground shipment within the U.S. WMG disclaims any liability for claims or damages that may result from shipment by other means. Packages offered or intended for other modes of transportation are subject to additional requirements. Consult an appropriately trained Shipping Professional before offering for shipment.

### SECTION 15. REGULATORY INFORMATION

#### CERCLA

This product contains no CERCLA listed chemicals.

#### SARA TITLE III SECTION 311/312 HAZARD CLASS

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate (Acute) Health Hazard

Fire Hazard

Release of Pressure (Puncture) Hazard

#### SARA TITLE III SECTION 313 CHEMICALS

This product contains no substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) or 40 CFR Part 372 in concentrations above the de minimis concentration level.

#### TSCA

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

### SECTION 16. OTHER INFORMATION

#### NFPA HEALTH RATING INFORMATION

HEALTH - 1      FLAMMABILITY - 2      REACTIVITY - 1

#### HMS HAZARD RATING SYSTEM

HEALTH - 1      FLAMMABILITY - 2      REACTIVITY - 1

KEY:	4 = Severe
	3 = High
	2 = Moderate
	1 = Slight
	0 = Minimal

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.

Questions concerning the safe handling of the product should be referred to the Whitmire Micro-Gen Customer Service Department at 800-777-8570.

NA - Not Applicable  
NE - Not Established  
PEL - Permissible Exposure Limit  
TLV - Threshold Limit Value  
STEL - Short Term Exposure Limit (15 min)  
TWA - Time Weighted Average (8 hr)



**WHITMIRE MICRO-GEN**  
RESEARCH LABORATORIES, INC.

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