M A T E R I A L   S A F E T Y   D A T A   S H E E T

MotherEarth™ Granular Scatter Bait

EMERGENCY PHONE NUMBERS:
MEDICAL: 800-225-3320 (Prosar)
TRANSFORMATION: 800-424-9300 (Chemtrec)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION
Product Name: MotherEarth™ Granular Scatter Bait
EPA Reg. No.: 499-515
Product Code(s): 02-0716 (4 x 4 lbs), 02-0717 (1 x 40 lbs)
EPA Signal Word: CAUTION
Distributed by: Whitmore Micro-Gen Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis MO 63122-6682

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS
COMPOSITION INFORMATION
ACTIVE INGREDIENT (5.0%) % CAS NO.
Boric Acid 5.0 10043-35-3
OTHER INGREDIENTS* (95.0%) %

* 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

SECTION 3. HAZARDS IDENTIFICATION
SIGNS/SYMPTOMS OF EXPOSURE
Harmful if absorbed through skin. Causes moderate eye irritation.

ROUTES OF ENTRY
Primary: Skin Secondary: Ingestion Tertiary: Inhalation

HAZARDOUS DECOMPOSITION PRODUCTS
If involved in fire, toxic gases including carbon monoxide and carbon dioxide, toxic dust and smoke may be generated.

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS
Boric acid reacts with strong reducing agents, such as metal hydrides or alkali metals, will generate hydrogen gas, which could create an explosive hazard.

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 if opened.

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: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Note to Physician: None

Medical Conditions Generally Aggravated by Exposure: None known
Emergency Telephone Number of Prosar: 800-225-3320 (for medical emergencies)

SECTION 5. FIRE FIGHTING MEASURES
FIRE AND EXPLOSION
Flash Point (TCC): NE
Explodibility Limits in Air (% by volume):
Lower (LEL) = NE Upper (UEL) = NE
NFPA 308 Flammability: NA

IN CASE OF FIRE
Extinguisher Media: CO2, Dry Chemical, Water, Foam
Special Fire Fighting Procedures: Respiratory protection is recommended for fire fighters. Excessive use of water may create excess run-off water which may lead to contamination of the environment. Follow environmental and personal safety precautions noted for spill or leak.

SECTION 6. ACCIDENTAL RELEASE MEASURES
IN CASE OF SPILL OR LEAK
Spilled material should be carefully collected and containerized in a manner that produces the least amount of airborne dust. Residual surface material may be removed with towels moistened with water.

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. 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 – Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

STORAGE
Do not contaminate water, food or feed by storage. Store in a cool, dry area. Do not store where children or animals may gain access. Keep container tightly closed.

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION
PERSONAL PROTECTIVE EQUIPMENT (PPE)
Respiratory Protection: None required when used according to label directions.
Material Safety Data Sheet

MotherEarth™ Granular Scatter Bait

**Protective Gloves:** Chemical-resistant or waterproof gloves are recommended if prolonged or repeated skin contact is likely. (Good practice requires that gross amounts 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:** Long sleeved shirt, long pants and shoes plus socks.

**VENTILATION**

Local Exhaust: None required

Mechanical: None required

Special: None required

Other: None required

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Tan/yellow granule</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Viscosity</td>
<td>NA</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>NA</td>
</tr>
<tr>
<td>pH</td>
<td>6.1 @ 75°F</td>
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<tr>
<td>Density</td>
<td>0.6169 g/cm³</td>
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**SECTION 10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions

**Conditions to Avoid:** None known

**Incompatibility (Material to Avoid):** Boric acid may cause corrosion of base metals.

**Hazardous Polymerization:** Will not occur

**HAZARDOUS DECOMPOSITION PRODUCTS**

If involved in fire, toxic gases including carbon monoxide and carbon dioxide, toxic dust and smoke may be generated.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**ROUTES OF ENTRY**

**Primary:** Skin

**Secondary:** Ingestion

**Tertiary:** Inhalation

**ACUTE**

**Eyes:** Avoid dust contact with eyes. May cause eye irritation.

**Skin:** May be irritating to skin. Acute dermal LD₅₀ > 2,000 mg/kg (rabbits). Product is not a sensitizer when tested on guinea pigs.

**Ingestion:** Acute oral toxicity LD₅₀ > 5,000 mg/kg (rats).

**Inhalation:** Breathing dust may cause irritation of nose and throat. Bait particles are not respirable. The product does not represent an inhalation hazard.

**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**

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high watermark. Do not contaminate water when disposing of equipment washwaters or rinsate.

**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:** Empty container by using the product according to the label directions. Do not reuse container! 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 or call 1-800-CLEANUP for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

**Waste Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. NEVER PLACE WASTE DOWN ANY INDOOR OR OUTDOOR DRAIN OR SEWER!

**SECTION 14. TRANSPORT INFORMATION**

This product is not regulated for transportation via any mode of transport.

**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 Section 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 Health 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 minimus 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**

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
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**HMIS HAZARD RATING INFORMATION**

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**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. For automatic MSDS updates, register at www.wmmg.com.

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.**