


## Safety Data Sheet – Yard Guard Animal Deterrent Biochemical

### 1. Product and Company Identification

<b>Product Name</b>	Yard Gard Animal Deterrent BioChemical
<b>Other Product Name(s)</b>	Yard Gard Deer Deterrent, Yard Gard Rabbit Deterrent,
<b>Product Use</b>	Lawn and garden mole and burrowing animal deterrent
<b>Manufacturer</b>	BGA Industries, LLC 910 Jimmy Ann Drive, Suite 101 Daytona Beach, FL 32117 (386) 274-2550
<b>Emergency Telephone Numbers</b>	(855) 665-9746

### 2. Hazards Identification

**Emergency Overview:** Light brown dry granules with a slight peppermint odor. Not flammable. Can irritate eyes and may irritate skin and respiratory tract.

<b>OSHA Regulatory Status</b>	Hazardous
<b>WHMIS Regulatory Status</b>	Hazardous
<b>OSHA Classification</b>	Serious eye damage/eye irritation: 2 Skin corrosion/irritation: 2 STOT-SE: 3
<b>OSHA Signal Word</b>	WARNING
<b>OSHA Hazard Statements</b>	Causes skin and eye irritation. May cause respiratory irritation.
<b>OSHA Precautionary Statements</b>	Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin or clothing. Wear protective gloves and safety glasses with side shields. Wash thoroughly after handling. IF ON SKIN, wash with plenty of water. Wash contaminated clothing before reuse. Get medical attention for irritation. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF INGESTED: Get medical advice/attention. Store in a well ventilated place. Keep container tightly closed. Dispose of container in accordance with Federal and local regulations.
<b>OSHA Label Symbols</b>	
<b>Other Hazards Not Specified by OSHA</b>	None

\*\* Note: Label designed to meet FIFRA label requirements and contains other phrases.

#### Potential Health Effects:

<b>Skin</b>	Can irritate skin
<b>Eyes</b>	Can cause irritation to eyes.
<b>Ingestions</b>	Can cause stomach upset. Can cause irritation.
<b>Inhalation</b>	Inhalation may cause temporary irritation.
<b>Chronic Effects</b>	None anticipated.

Ingredients found on established carcinogen lists:

Ingredient	NTP Status	IARC Statue	OSHA List
No ingredients listed in this section	---	---	---

### 3. Composition / Information on Ingredients

Chemical Name	CAS #	Wt. %*
Putrescent of Egg Solids	51609-52-0	2.0 – 3.0
Peppermint Oil	8006-90-4	0.01 - 0.10
Garlic Oil	8000-78-0	0.01 - 0.50
Sulfur Powder	7704-34-9	1 - 3
Limestone Granules.	1317-65-3	85 - 98
Calcium Lignosulfonate	8061-52-7	0.1 - 0.5
Limestone Dolomitic	12001-27-3	1.4
Sodium Chloride	7647-15-5	0.01 - 0.02
Lecithin	8802-43-5	0.1
Water	77-18-5	1 - 5
Milk	8049-98-7	0.04
Soap	Not hazardous	0.1 - 0.5

\* Exact concentrations are trade secret where ranges are used.

### 4. First Aid Measures

<b>Skin</b>	Wash with plenty of water. Wash contaminated clothing before reuse. Get medical attention for irritation.
<b>Eyes</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention
<b>Ingestions</b>	Get medical advice/attention.
<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing.
<b>Advice to Physician</b>	Treat symptomatically.

### 5. Fire Fighting Measures

<b>Extinguishing Media:</b>	Use any standard agent for surrounding fire. But use of water will result in need to clean residue.
<b>Fire/Explosion Hazards:</b>	None indicated
<b>Fire Fighting Procedures:</b>	Use air supplied equipment for fighting fires.
<b>Flammable Limits:</b>	Not flammable
<b>Flash Point</b>	Not flammable
<b>Auto ignition Temperature:</b>	Not determined
<b>Hazardous Combustion Products:</b>	Various organic combustion products and inorganic dusts that may be irritating.

### 6. Accidental Release Measures

<b>Personal Precautions:</b>	Wear proper personal protective equipment indicated in Section 8. Avoid contact with liquid.
<b>Containment:</b>	Spilled solids should remain where spilled...
<b>Clean Up:</b>	Sweep up and place into container.
<b>Notification Requirements:</b>	Not normally required for a container of this size. See section 15 for RQs.

## 7. Handling and Storage

<b>Handling:</b>	Wear proper personal protective equipment indicated in Section 8. Avoid contact with dusts. Wash hands before eating or drinking.
<b>Storage:</b>	Should be stored in a dry location. Keep packages tightly closed. Keep out of the reach of children.

## 8. Exposure Controls / Personal Protection

<b>Engineering Controls:</b>	Use local exhaust for solids transfer points. General ventilation is adequate for most other situation.
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### Personal Protective Equipment:

<b>Eyes and Face:</b>	Wear safety glasses or chemical goggles to avoid accidental eye contact.
<b>Respiratory:</b>	Not required for properly ventilated areas. Otherwise use a NIOSH approved respirator for dusts.
<b>Hands, Arms, and Body:</b>	Use rubber or neoprene gloves
<b>Other</b>	Safety shower and an eyewash should be available for emergency exposures.

### Exposure Guidelines:

Ingredient	ACGIH TLV®	OSHA PEL	NIOSH REL
No ingredients listed	---	---	---

## 9. Physical and Chemical Properties

<b>Appearance &amp; Physical State</b>	Light brown granuals
<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	Not determined
<b>pH</b>	Water solutions 7.1 – 7.5
<b>Specific Gravity:</b>	Not determined
<b>Initial Boiling Point &amp; Range:</b>	Not determined
<b>Melting Point /Freezing Point:</b>	Not determined
<b>Evaporation Rate:</b>	Not determined
<b>Percent Volatile:</b>	Not determined
<b>Solubility in Water</b>	Not soluble in cold water.
<b>Vapor Density:</b>	Not determined
<b>Vapor Pressure:</b>	Not determined
<b>Upper/ Lower Flammable Limits:</b>	Not determined
<b>Flash Point</b>	> 200° F
<b>Auto ignition Temperature:</b>	Not determined
<b>Flammability (solid, gas)</b>	Not applicable
<b>Octanol/water partition coefficient</b>	Not determined
<b>Decomposition temperature</b>	Not determined
<b>Viscosity</b>	Not applicable

## 10. Stability and Reactivity

<b>Stability:</b>	Normally stable.
<b>Conditions to Avoid:</b>	Excessive heat
<b>Materials to avoid</b>	Oxidizers may cause product to ignite.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Hazardous Decomposition Products</b>	Organic materials that may be irritating.

## 11. Toxicological Information

<b>Eye:</b>	Causes irritation
<b>Skin:</b>	Causes irritation
<b>Oral:</b>	Causes irritation. Low overall toxicity
<b>Inhalation:</b>	May cause temporary irritation.

## 12. Ecological Information

<b>Acute ecotoxicity:</b>	Not determined
<b>Chronic ecotoxicity:</b>	Not determined
<b>Other Information</b>	Considered biodegradable.

## 13. Disposal Considerations

<b>RCRA Status</b>	Not a hazardous waster
<b>Disposal Method:</b>	Conform to Federal, State and Local regulations.

## 14. Transportation Considerations

<b>DOT Proper Shipping Name:</b>	Not regulated for transport
<b>DOT Primary Hazard Class</b>	Not applicable
<b>DOT UN / NA Number:</b>	Not applicable
<b>DOT Packing Group</b>	Not applicable
<b>TDG (Canada)</b>	Not regulated
<b>IMDG (International water)</b>	Not regulated
<b>ICAO (Air transport)</b>	Not regulated

## 15. Regulatory Information

### UNITED STATES:

#### Toxic Substances Control Act (TSCA)

<b>TSCA Inventory Status:</b>	Listed on TSCA Chemical Inventory or except as FIFRA ingredients
<b>Other TSCA Issues:</b>	None

#### FIFRA Information

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace

labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

Principle FIFRA label precautionary text:

(No symbol required. Eye irritation III.)

**CAUTION**

Keep out of the reach of children

This product can cause irritation to the eyes, mouth, lungs and skin. Avoid breathing dust.

Avoid contact with eyes.

Should eye contact occur, flush well with large quantities of fresh water. Wearing of mask or goggles and gloves are recommended. Wash hands thoroughly with soap and water after application of this product.

Please note that OSHA (GHS) does not permit the signal word CAUTION.

**SARA Title III/CERCLA**

Ingredients with "Reportable Quantities" (RQs) and/or "Threshold Planning Quantities" (TPQs).

Ingredient	SARA/CERCLA RQ (lb.)	SARA EHS TPQ (lb.)
No ingredients listed in this section	---	---

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center [(800) 424-8802] and to your Local Emergency Planning Committee.

<b>SARA 311 Hazard Class:</b>	Immediate,
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**SARA 313 Toxic Chemicals:**

The following ingredients are SARA 313 "Toxic Chemicals" and may be subject to annual reporting requirements. CAS numbers and weight percent are found in Section 2.

Ingredient	Comment
No ingredients listed in this section	---

**State Right-To-Know**

In addition to the ingredients found in Section 2, the following are listed for state right-to-know purposes.

Ingredient	Weight %	Comment
No ingredients listed in this section	---	Not listed on California Proposition 65.

<b>Additional Regulatory Information:</b>	FIFRA 25(b) registered product.
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**16. Other Information**

<b>Issue Date:</b>	February 25, 2016
<b>Previous Issue Date:</b>	January 28, 2014
<b>Changes from previous version:</b>	Update for OSHA Hazcom 2012

**National Fire Protection Assoc. (NFPA) Classification:**

4 = Severe; 3 = Serious; 2 = Moderate; 1 = Slight, 0 = Minimal

Health 2

Flammability 0

Reactivity 0

**Hazardous Materials Information Systems (HMIS):**

4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant

Health 2

Flammability 0

Physical Hazard 0