Section 1: Identification

Product identifier

Product Name  
Essentria G Granule Insecticide

Synonyms  
100208740; 100208940; FIFRA 25(b) Exemption

Product Description  
Brown solid granule.

Relevant identified uses of the substance or mixture and uses advised against

Recommended use  
Pesticide.

Restrictions on use  
Keep out of reach of children. Avoid contact with skin, eyes, or clothing.

Details of the supplier of the safety data sheet

Manufacturer  
Central Garden & Pet Company
1501 E. Woodfield Road, Suite 200W
Schaumburg, IL 60173
United States

Emergency telephone number

Manufacturer  
1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

Manufacturer  
1-800-424-9300 - CHEMTREC

Manufacturer  
1-800-248-7763

Section 2: Hazard Identification

United States (US)
According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012  
Reproductive Toxicity 1B
Skin Sensitization 1

Label elements

OSHA HCS 2012

DANGER

Hazard statements  
May cause an allergic skin reaction
May damage fertility or the unborn child.

Precautionary statements

Prevention  
Do not handle until all safety precautions have been read and understood.
Avoid breathing dust, fume, gas, mist, vapors and/or spray.
Contaminated work clothing should not be allowed out of the workplace. Obtain special instructions before use. Wear protective gloves/protective clothing/eye protection/face protection.

Response
Specific treatment, see supplemental first aid information.
IF exposed or concerned: Get medical advice/attention.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Storage/Disposal
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Store locked up.

Other hazards
OSHA HCS 2012

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

- Material does not meet the criteria of a substance.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Identifiers</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thyme oil</td>
<td>CAS:8007-46-3</td>
<td>0.6%</td>
</tr>
<tr>
<td>Eugenol</td>
<td>CAS:97-53-0</td>
<td>2.9%</td>
</tr>
<tr>
<td>Wintergreen oil</td>
<td>CAS:119-36-8</td>
<td>2.4%</td>
</tr>
<tr>
<td>Corn Cob Fractions</td>
<td>NDA</td>
<td>90% TO 95%</td>
</tr>
</tbody>
</table>

Section 4: First-Aid Measures

Description of first aid measures

Inhalation
- IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms persist.

Skin
- IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse.

Eye
- 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 advice/attention.

Ingestion

Most important symptoms and effects, both acute and delayed
- An allergic skin reaction may occur in individuals with a sensitivity to Wintergreen oil or Eugenol, may damage fertility or the unborn child. Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed
- Treat symptomatically and supportively.
Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media
- SMALL FIRES: Dry chemical, CO2, water spray or regular foam.
- LARGE FIRE: Water spray, fog or regular foam.

Unsuitable Extinguishing Media
- Avoid heavy hose streams.

Firefighting Procedures
- LARGE FIRES: Dike fire control water for later disposal; do not scatter the material. As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Move containers from fire area if you can do it without risk. Stay upwind. Do not breathe gas/fumes/vapour/spray. Do not walk through spilled material.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards
- No data available.

Hazardous Combustion Products
- No data available.

Advice for firefighters
- Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions
- Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate enclosed areas. Do not walk through spilled material. Use appropriate Personal Protective Equipment (PPE)

Emergency Procedures
- Keep unauthorized personnel away. Ventilate closed spaces before entering.

Environmental precautions
- Prevent entry into waterways, sewers, basements or confined areas. Runoff from fire control or dilution water may cause pollution.

Methods and material for containment and cleaning up

Containment/Clean-up Measures
- SMALL SPILLS: Use clean non-sparking tools to collect material and place it into loosely covered plastic containers for later disposal. Clean up spill immediately.

Section 7 - Handling and Storage

Precautions for safe handling

Handling
- Use good safety and industrial hygiene practices. Use only in well ventilated areas. Wear appropriate personal protective equipment, avoid direct contact.

Conditions for safe storage, including any incompatibilities

Storage
- Keep container/package tightly closed in a cool, well-ventilated place. Keep only in the original container. Keep out of reach of children. Do not contaminate water, food, or feed by storage or disposal. Store locked up. Ventilate enclosed areas. Avoid extreme temperatures.

Incompatible Materials or Ignition Sources
- Strong acids, oxidizing agents and caustic substances.

Section 8 - Exposure Controls/Personal Protection
Control parameters

Exposure Limits/Guidelines
- No data available.

Exposure controls

Engineering Measures/Controls
- Local exhaust ventilation.

Personal Protective Equipment

- Pictograms

  Respiratory
  - If airborne dust is present or in case of inadequate ventilation, use appropriate respiratory protection.

  Eye/face
  - Wear safety goggles.

  Hands
  - Wear protective gloves (chemical-resistant).

  Skin/Body
  - Wear long sleeves and/or protective coveralls.

Environmental Exposure Controls
- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Refer to Section 13 - Disposal Considerations.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Solid</th>
<th>Appearance/Description</th>
<th>Brown solid granules.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
<td>Brown</td>
<td>Odor</td>
<td>Faint</td>
</tr>
<tr>
<td>Color</td>
<td></td>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

General Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Value</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>Not relevant</td>
<td>Melting Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
<td>pH</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Specific Gravity/Relative Density</td>
<td>No data available</td>
<td>Bulk Density</td>
<td>34 lb(s)/ft³</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>No data available</td>
<td>Viscosity</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not relevant</td>
<td>UEL</td>
<td>No data available</td>
</tr>
<tr>
<td>LEL</td>
<td>No data available</td>
<td>Heat of Combustion (ΔHc)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Environmental

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octanol/Water Partition coefficient</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Section 10: Stability and Reactivity

Reactivity
- No data available.

Chemical stability
- Stable under normal temperatures and pressures.

Possibility of hazardous reactions
- Hazardous polymerization not indicated.

Conditions to avoid
Excessive heat.

Incompatible materials

- No data available

Hazardous decomposition products

- Hazardous decomposition may occur upon heating which may produce hydrogen chloride, hydrogen cyanide and oxides of nitrogen and carbon.

---

### Section 11 - Toxicological Information

#### Information on toxicological effects

<table>
<thead>
<tr>
<th>GHS Properties</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>OSHA HCS 2012 • Not classified - data lacking</td>
</tr>
<tr>
<td>Skin corrosion/Irritation</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>OSHA HCS 2012 • Skin Sensitizer 1</td>
</tr>
<tr>
<td>STOT-RE</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
<tr>
<td>STOT-SE</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
<tr>
<td>Toxicity for Reproduction</td>
<td>OSHA HCS 2012 • Toxic to Reproduction 1B</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
<tr>
<td>Serious eye damage/Irritation</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
</tbody>
</table>

#### Route(s) of entry/exposure

- Inhalation, Skin, Eye, Ingestion
- Pre-existing respiratory, skin and eye conditions.

#### Medical Conditions Aggravated by Exposure

- Pre-existing respirator, skin and eye conditions.

#### Potential Health Effects

**Inhalation**
- **Acute (Immediate)**
  - Exposure to dust may cause irritation.
- **Chronic (Delayed)**
  - No data available.

**Skin**
- **Acute (Immediate)**
  - Exposure to dust may cause irritation. May cause an allergic reaction in individuals with a sensitivity to Wintergreen oil or Eugenol.
- **Chronic (Delayed)**
  - No data available

**Eye**
- **Acute (Immediate)**
  - Exposure to dust may cause irritation.
- **Chronic (Delayed)**
  - No data available.

**Ingestion**
- **Acute (Immediate)**
  - Under normal conditions of use, no health effects are expected.
- **Chronic (Delayed)**
  - No data available.

**Mutagenic Effects**
- No data available.
Carcinogenic Effects
- No data available.

Reproductive Effects
- May cause reproductive effects.

### Section 12 - Ecological Information

#### Toxicity
- No data available

#### Persistence and degradability
- No data available.

#### Bioaccumulative potential
- No data available.

#### Mobility in Soil
- No data available.

#### Other adverse effects

### Potential Environmental Effects
- While specific data regarding toxicity of fish or other aquatic organisms is not available for this product, care should always be taken to prevent pesticides from entering waterways.

### Section 13 - Disposal Considerations

#### Waste treatment methods

##### Product waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Do not allow into any sewer on the ground, or into any body of water.

##### Packaging waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

### Section 14 - Transport Information

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class (es)</th>
<th>Packing group</th>
<th>Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>N/A</td>
<td>Not Regulated</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>IMO/IMDG</td>
<td>N/A</td>
<td>Not Regulated</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>IATA/ICAO</td>
<td>N/A</td>
<td>Not Regulated</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### Special precautions for user
- None specified.

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- No Data Available.

#### Other information

##### IMO/IMDG
- No data available

##### IATA/ICAO
- No data available

**Key to abbreviations**

N/A = Not applicable.
Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications  • Not regulated

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eugenol</td>
<td>97-53-0</td>
<td>Yes</td>
</tr>
<tr>
<td>Wintergreen oil</td>
<td>119-36-8</td>
<td>Yes</td>
</tr>
<tr>
<td>Thyme oil</td>
<td>8007-46-3</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Section 16 - Other Information

Last Revision Date  • 18/February/2015
Preparation Date   • 18/February/2015

Disclaimer/Statement of Liability

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.