



Safety Data Sheet

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

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition		
Chemical Name	Identifiers	%
Thyme oil	CAS:8007-46-3	0.6%
Eugenol	CAS:97-53-0	2.9%
Wintergreen oil	CAS:119-36-8	2.4%
Corn Cob Fractions	NDA	90% TO 95%

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

- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Consult a physician.

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

Notes to Physician

- 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

Material Description			
Physical Form	Solid	Appearance/Description	Brown solid granules.
Color	Brown	Odor	Faint
Odor Threshold	No data available		
General Properties			
Boiling Point	Not relevant	Melting Point	No data available
Decomposition Temperature	No data available	pH	Not relevant
Specific Gravity/Relative Density	No data available	Bulk Density	34 lb(s)/ft³
Water Solubility	No data available	Viscosity	Not relevant
Flammability			
Flash Point	Not relevant	UEL	No data available
LEL	No data available	Heat of Combustion (ΔH_c)	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

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

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

Route(s) of entry/exposure

- Inhalation, Skin, Eye, Ingestion

Medical Conditions Aggravated by Exposure

- Pre-existing respiratory, 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

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	N/A	Not Regulated	N/A	N/A	N/A
IMO/IMDG	N/A	Not Regulated	N/A	N/A	N/A
IATA/ICAO	N/A	Not Regulated	N/A	N/A	N/A

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

Inventory		
Component	CAS	TSCA
Eugenol	97-53-0	Yes
Wintergreen oil	119-36-8	Yes
Thyme oil	8007-46-3	Yes

Section 16 - Other Information**Last Revision Date** • 18/February/2015**Preparation Date** • 18/February/2015

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