Safety Data Sheet

Section 1: Identification

Product identifier

Product Name: Essentria IC3 Insect Concentrate

Synonyms: 100208730; 674610

Product Description: Clear, light brown liquid.

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

Recommended use: Insecticide.

Restrictions on use: KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with eyes, skin and clothing. Do not use or store near heat or open flame. Do not take internally. When used indoors, ensure adequate ventilation.

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 (Transportation): 1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted
Manufacturer (Transportation): 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: Acute Toxicity Oral 4
Aspiration 1
Flammable Liquids 4
Reproductive Toxicity 1B
Serious Eye Damage 1
Skin Irritation 2
Skin Sensitization 1
Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects

Label elements

OSHA HCS 2012: DANGER
Hazard statements

- Causes serious eye damage
- Causes skin irritation
- Harmful if swallowed
- May be fatal if swallowed and enters airways
- May cause an allergic skin reaction
- May cause drowsiness or dizziness
- Combustible liquid
- May damage fertility or the unborn child.

Precautionary statements

Prevention
- Wash thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Avoid breathing dust, fume, gas, mist, vapors and/or spray.
- Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
- Avoid contact during pregnancy/while nursing.
- Do not eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.

Response
- IF ON SKIN: Wash with plenty of soap and water. Specific treatment, see supplemental first aid information. If skin irritation occurs: Get medical advice/attention.
- Take off contaminated clothing and wash before reuse.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Immediately call a POISON CENTER or doctor/physician.
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- Do NOT induce vomiting.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor if you feel unwell.
- IF exposed or concerned: Get medical advice/attention.
- In case of fire: Use appropriate media CO2, Dry chemical, Foam for extinction.

Storage/Disposal
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Other hazards

OSHA HCS 2012


Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Composition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rosemary oil</td>
<td>Identifiers</td>
</tr>
<tr>
<td></td>
<td>CAS:8000-25-7</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 poison control center or doctor for further treatment advice.

*Skin*
- IF ON SKIN: Wash with plenty of soap and water. If irritation or rash occurs, get medical advice/attention. 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: Immediately call a poison control center or doctor. Aspiration hazard - if swallowed, do NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed**
- Aspiration hazard; eye irritant, skin irritant, may cause an allergic skin reaction in individuals with a sensitivity to Wintergreen Oil or Geraniol, harmful if swallowed, 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.

**Notes to Physician**

### Section 5: Fire-Fighting Measures

**Extinguishing media**
- **Suitable Extinguishing Media**: Use foam, carbon dioxide, or dry chemical.
- **Unsuitable Extinguishing Media**: Do not use water. May spread fire.

**Firefighting Procedures**
- Do not allow fire fighting water to escape into waterways or sewers. Ventilate closed spaces before entering. Do not breathe gas/fumes/vapor/spray. Do not use direct stream of water. A direct stream of water may spread fire. Eliminate ignition sources.

**Special hazards arising from the substance or mixture**
- **Unusual Fire and Explosion Hazards**: Combustible liquid. Containers may explode when heated. Liquid will float and may re-ignite on surface of water.
- **Hazardous Combustion Products**: Carbon dioxide, carbon monoxide, smoke, fumes, and unburned hydrocarbons and terpenes.

**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**
- Ventilate enclosed areas. Wear appropriate personal protective equipment, avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep all sources of ignition away.
Emergency Procedures

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ventilate closed spaces before entering.

Environmental precautions

- No data available

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Absorb spills with an inert material, clay granules or other inert absorbent material and put in container for disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Keep away from fire - No Smoking. Avoid breathing fumes. Use only in well ventilated areas. Wear appropriate personal protective equipment, avoid direct contact.

Conditions for safe storage, including any incompatibilities

Storage

- Store locked up. Store in a cool/low-temperature, well-ventilated dry place away from heat and ignition sources. Keep from freezing. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

Incompatible Materials or Ignition Sources

- Heat, sparks, open flame. Oxidizing agents.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines

- No data available.

Exposure controls

Engineering Measures/Controls

- Use adequate ventilation to remove vapors (fumes, dust, etc.)

Personal Protective Equipment

Pictograms

- ❖

Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/face

- Wear chemical splash safety goggles.

Hands

- Wear appropriate gloves.

Skin/Body

- Wear full body suit.

Environmental Exposure Controls

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

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Physical Form</th>
<th>Appearance/Description</th>
<th>Color</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
<td>Liquid</td>
<td>Clear, light brown liquid.</td>
<td>Light brown.</td>
<td>Faint minty.</td>
</tr>
<tr>
<td>Color</td>
<td>Light brown.</td>
<td>Odor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
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<td></td>
<td></td>
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<tr>
<td>General Properties</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling Point</td>
<td>No data available</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting Point</td>
<td>No data available</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Decomposition and Specific Gravity

- **Decomposition Temperature**: No data available
- **Specific Gravity/Relative Density**: 0.985 g/ml

### pH and Water Solubility

- **pH**: No data available
- **Water Solubility**: Not soluble

### Volatility and Density

- **Vapor Pressure**: No data available
- **Evaporation Rate**: No data available
- **Vapor Density**: No data available

### Flammability

- **Flash Point**: 145°F (62.7778°C)
- **UEL**: No data available
- **LEL**: No data available
- **Flammability (solid, gas)**: No data available

### Environmental

- **Octanol/Water Partition coefficient**: No data available

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### Section 10: Stability and Reactivity

**Reactivity**

- Non-reactive under normal handling and storage conditions.

**Chemical stability**

- Stable

**Possibility of hazardous reactions**

- Hazardous polymerization will not occur.

**Conditions to avoid**

- Direct sunlight. Do not freeze. Excessive heat >110°F. Heat, sparks, open flame, other ignition sources, and oxidizing conditions.

**Incompatible materials**

- Heat, strong acids, strong bases and oxidizing agents.

**Hazardous decomposition products**

- Carbon dioxide, carbon monoxide, smoke, fumes, and unburned hydrocarbons and terpenes.

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### 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</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>OSHA HCS 2012 • Aspiration 1</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 • Skin Irritation 2</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>OSHA HCS 2012 • Skin Sensitizer 1</td>
</tr>
</tbody>
</table>
Potential Health Effects

Inhalation
Acute (Immediate) • May cause drowsiness and dizziness.
Chronic (Delayed) • No data available

Skin
Acute (Immediate) • May cause an allergic reaction in individuals with a sensitivity to Wintergreen oil or Geraniol. Causes skin irritation.
Chronic (Delayed) • No data available

Eye
Acute (Immediate) • Causes serious eye damage.
Chronic (Delayed) • No data available

Ingestion
Acute (Immediate) • Aspiration hazard - small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema. Harmful if swallowed.
Chronic (Delayed) • No data available

Reproductive Effects • Laboratory experiments have shown teratogenic 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

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. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water by disposal.

Packaging waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. See product label for disposal instructions.
Section 14 - Transport Information

<table>
<thead>
<tr>
<th>DOT</th>
<th>UN number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class(es)</th>
<th>Packing group</th>
<th>Environmental hazards</th>
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</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td>Not Regulated</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>None</td>
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<td>Not Regulated</td>
<td>N/A</td>
<td>N/A</td>
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<td>UN3334</td>
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<td>Aviation regulated liquid, n.o.s. (rosemary oil)</td>
<td>9</td>
<td>III</td>
<td>N/A</td>
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</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>Geraniol</td>
<td>106-24-1</td>
<td>Yes</td>
</tr>
<tr>
<td>Rosemary oil</td>
<td>8000-25-7</td>
<td>Yes</td>
</tr>
<tr>
<td>Vanillin</td>
<td>121-33-5</td>
<td>Yes</td>
</tr>
<tr>
<td>White mineral oil</td>
<td>8042-47-5</td>
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<tr>
<td>Wintergreen Oil</td>
<td>68917-75-9</td>
<td>Yes</td>
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</tbody>
</table>

Section 16 - Other Information

Last Revision Date
- 26/January/2015

Preparation Date
- 26/January/2015

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