Safety Data Sheet

Section 1: Identification

Product identifier
Product Name: Essentria All Purpose Insect Concentrate
Synonyms: 100208734; 674612-010
Product Description: Clear, very pale yellow liquid.

Relevant identified uses of the substance or mixture and uses advised against
Recommended use: Insecticide. Pesticide.
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.

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: Skin Irritation 2, Eye Irritation 2A

Label elements
OSHA HCS 2012

WARNING

Hazard statements: Causes skin irritation, Causes serious eye irritation

Precautionary statements

Prevention • Wash thoroughly after handling.
   Use only outdoors or in a well-ventilated area.
   Wear protective gloves/protective clothing/eye protection/face protection.

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.
   If eye irritation persists: Get medical advice/attention.

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

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>Identifiers</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rosemary oil</td>
<td>CAS:8000-25-7</td>
<td>10%</td>
</tr>
<tr>
<td>Peppermint Oil</td>
<td>CAS:8030-01-1</td>
<td>2%</td>
</tr>
<tr>
<td>Butyl Lactate</td>
<td>CAS:138-22-7</td>
<td>44.99%</td>
</tr>
<tr>
<td>Other ingredients</td>
<td>NDA</td>
<td>43.01%</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: Call a POISON CONTROL center or doctor if you feel unwell. Rinse...
mouth. Do NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed**

- Causes skin irritation. Causes serious eye irritation. 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**
  - 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.

**Special hazards arising from the substance or mixture**

- **Unusual Fire and Explosion Hazards**
  - 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 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. Keep away from fire.

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.

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Exposure Limits/Guidelines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butyl Lactate (138-22-7)</td>
<td>TWAs 5 ppm TWA</td>
</tr>
<tr>
<td></td>
<td>NIOSH 5 ppm TWA; 25 mg/m3 TWA</td>
</tr>
</tbody>
</table>

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

• If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact.

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 Threshold</th>
<th>General Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Liquid</td>
<td>Clear, very pale yellow liquid.</td>
<td>Very pale yellow.</td>
<td>No data available</td>
<td>Boiling Point No data available</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Melting Point/Freezing Point No data available</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Decomposition Temperature No data available</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>pH No data available</td>
</tr>
</tbody>
</table>

Protection Date: 16/December/2014
Revision Date: 30/March/2016
Specific Gravity/Relative Density | 0.98 g/ml
---|---
Density | No data available

Water Solubility | Not soluble
---|---
Viscosity | < 200 Centipoise (cPs, cP) or mPas

Critical Temperature | No data available
---|---

Vocality
---|---
Vapor Pressure | No data available
---|---
Vapor Density | No data available

Evaporation Rate | No data available
---|---

Flammability
---|---
Flash Point | No data available
---|---
UEL | No data available

LEL | No data available
---|---
Autoignition | No data available

Flammability (solid, gas) | No data available
---|---

Environmental
Octanol/Water Partition coefficient | No data available
---|---

### 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.

### 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><strong>OSHA HCS 2012</strong> • 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>Skin corrosion/Irritation</td>
<td><strong>OSHA HCS 2012</strong> • Skin Irritation 2</td>
</tr>
<tr>
<td>Serious eye damage/Irritation</td>
<td><strong>OSHA HCS 2012</strong> • Eye Irritation 2A</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td><strong>OSHA HCS 2012</strong> • Classification criteria not met</td>
</tr>
<tr>
<td>Potential Health Effects</td>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
<td></td>
</tr>
</tbody>
</table>

**Inhalation**

- **Acute (Immediate)**: May cause irritation.
- **Chronic (Delayed)**: No data available

**Skin**

- **Acute (Immediate)**: Causes skin irritation.
- **Chronic (Delayed)**: No data available

**Eye**

- **Acute (Immediate)**: Causes serious eye irritation.
- **Chronic (Delayed)**: No data available

**Ingestion**

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

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### 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**

- No data available

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### 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></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>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>Not Applicable</td>
<td>Not Regulated</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>IMO/IMDG</td>
<td>Not Applicable</td>
<td>Not Regulated</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>IATA/ICAO</td>
<td>UN3334</td>
<td>Aviation regulated liquid, n.o.s. (rosemary oil)</td>
<td>9</td>
<td>III</td>
<td>Not Applicable</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

### Section 15 - Regulatory Information

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

**SARA Hazard Classifications**

- Acute

#### Inventory

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butyl Lactate</td>
<td>138-22-7</td>
<td>Yes</td>
</tr>
<tr>
<td>Peppermint Oil</td>
<td>8030-01-1</td>
<td>No</td>
</tr>
<tr>
<td>Rosemary oil</td>
<td>8000-25-7</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Section 16 - Other Information

#### Revision Summary

<table>
<thead>
<tr>
<th>Revision Date</th>
<th>MSDS Number</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>30/March/2016</td>
<td></td>
<td>Section 1 changed. Changed material name from Essentria All Purpose Insecticide Concentrate to Essentria All Purpose Insect Concentrate.</td>
</tr>
</tbody>
</table>

**Revision Date**

- 30/March/2016

**Last Revision Date**

- 16/December/2014

**Preparation Date**

- 16/December/2014

**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.