

## 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

• 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   | %      |
| Rosemary oil      | CAS:8000-25-7 | 10%    |
| Peppermint Oil    | CAS:8030-01-1 | 2%     |
| Butyl Lactate     | CAS:138-22-7  | 44.99% |
| Other ingredients | NDA           | 43.01% |

## 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.

| Exposure Limits/Guidelines  |        |           |                         |
|-----------------------------|--------|-----------|-------------------------|
|                             | Result | ACGIH     | NIOSH                   |
| Butyl Lactate<br>(138-22-7) | TWAs   | 5 ppm TWA | 5 ppm TWA; 25 mg/m3 TWA |

**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**

| Material Description      |                   |                              |                                 |
|---------------------------|-------------------|------------------------------|---------------------------------|
| Physical Form             | Liquid            | Appearance/Description       | Clear, very pale yellow liquid. |
| Color                     | Very pale yellow. | Odor                         | Faint minty.                    |
| Odor Threshold            | No data available |                              |                                 |
| General Properties        |                   |                              |                                 |
| Boiling Point             | No data available | Melting Point/Freezing Point | No data available               |
| Decomposition Temperature | No data available | pH                           | No data available               |

|                                     |                   |               |                                    |
|-------------------------------------|-------------------|---------------|------------------------------------|
| 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 |               |                                    |
| <b>Volatility</b>                   |                   |               |                                    |
| Vapor Pressure                      | No data available | Vapor Density | No data available                  |
| Evaporation Rate                    | No data available |               |                                    |
| <b>Flammability</b>                 |                   |               |                                    |
| Flash Point                         | No data available | UEL           | No data available                  |
| LEL                                 | No data available | Autoignition  | No data available                  |
| Flammability (solid, gas)           | No data available |               |                                    |
| <b>Environmental</b>                |                   |               |                                    |
| 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

| 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 |
| Skin corrosion/Irritation     | OSHA HCS 2012 • Skin Irritation 2                                                                                                                                                                 |
| Serious eye damage/Irritation | OSHA HCS 2012 • Eye Irritation 2A                                                                                                                                                                 |
| Skin sensitization            | OSHA HCS 2012 • Classification criteria not met                                                                                                                                                   |

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| <b>Respiratory sensitization</b> | <b>OSHA HCS 2012 • Classification criteria not met</b> |
| <b>Aspiration Hazard</b>         | <b>OSHA HCS 2012 • Classification criteria not met</b> |
| <b>Carcinogenicity</b>           | <b>OSHA HCS 2012 • Classification criteria not met</b> |
| <b>Germ Cell Mutagenicity</b>    | <b>OSHA HCS 2012 • Not classified - data lacking</b>   |
| <b>Toxicity for Reproduction</b> | <b>OSHA HCS 2012 • Classification criteria not met</b> |
| <b>STOT-SE</b>                   | <b>OSHA HCS 2012 • Classification criteria not met</b> |
| <b>STOT-RE</b>                   | <b>OSHA HCS 2012 • Classification criteria not met</b> |

## Potential Health Effects

### 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

## 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.

## 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**

|           | UN number      | UN proper shipping name                          | Transport hazard class(es) | Packing group  | Environmental hazards |
|-----------|----------------|--------------------------------------------------|----------------------------|----------------|-----------------------|
| DOT       | Not Applicable | Not Regulated                                    | Not Applicable             | Not Applicable | Not Applicable        |
| IMO/IMDG  | Not Applicable | Not Regulated                                    | Not Applicable             | Not Applicable | Not Applicable        |
| IATA/ICAO | UN3334         | Aviation regulated liquid, n.o.s. (rosemary oil) | 9                          | III            | Not Applicable        |

**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      |           |      |
|----------------|-----------|------|
| Component      | CAS       | TSCA |
| Butyl Lactate  | 138-22-7  | Yes  |
| Peppermint Oil | 8030-01-1 | No   |
| Rosemary oil   | 8000-25-7 | Yes  |

**Section 16 - Other Information****Revision Summary**

| Revision Date | MSDS Number | Changes                                                                                                                                    |
|---------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 30/March/2016 |             | • Section 1 changed. Changed material name from Essentria All Purpose Insecticide Concentrate to Essentria All Purpose Insect Concentrate. |

**Revision Date** • 30/March/2016

**Last Revision Date** • 16/December/2014

**Preparation Date** • 16/December/2014

**Disclaimer/Statement of Liability**

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