



## 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			
		ACGIH	NIOSH
Butyl Lactate (138-22-7)	TWAs	5 ppm TWA	5 ppm TWA; 25 mg/m <sup>3</sup> 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>	OSHA HCS 2012 • Classification criteria not met
<b>Aspiration Hazard</b>	OSHA HCS 2012 • Classification criteria not met
<b>Carcinogenicity</b>	OSHA HCS 2012 • Classification criteria not met
<b>Germ Cell Mutagenicity</b>	OSHA HCS 2012 • Not classified - data lacking
<b>Toxicity for Reproduction</b>	OSHA HCS 2012 • Classification criteria not met
<b>STOT-SE</b>	OSHA HCS 2012 • Classification criteria not met
<b>STOT-RE</b>	OSHA HCS 2012 • Classification criteria not met

## 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**

	<b>UN number</b>	<b>UN proper shipping name</b>	<b>Transport hazard class(es)</b>	<b>Packing group</b>	<b>Environmental hazards</b>
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**

**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

<b>Inventory</b>		
<b>Component</b>	<b>CAS</b>	<b>TSCA</b>
Butyl Lactate	138-22-7	Yes
Peppermint Oil	8030-01-1	No
Rosemary oil	8000-25-7	Yes

**Section 16 - Other Information**

<b>Revision Summary</b>		
<b>Revision Date</b>	<b>MSDS Number</b>	<b>Changes</b>
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

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