



## 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

- 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%

Geraniol	CAS:106-24-1	5%
Wintergreen Oil	CAS:68917-75-9	37%
White mineral oil	CAS:8042-47-5	40%
Vanillin	CAS:121-33-5	3%
Other ingredients	NDA	5%

## 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

#### 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. 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**

<b>Material Description</b>			
Physical Form	Liquid	Appearance/Description	Clear, light brown liquid.
Color	Light brown.	Odor	Faint minty.
Odor Threshold	No data available		
<b>General Properties</b>			
Boiling Point	No data available	Melting Point	No data available

Decomposition Temperature	No data available	pH	No data available
Specific Gravity/Relative Density	0.985g/ml	Density	No data available
Water Solubility	Not soluble	Viscosity	No data available
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	145 F(62.7778 C)	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 4
Aspiration Hazard	OSHA HCS 2012 • Aspiration 1
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Not classified - data lacking
Skin corrosion/Irritation	OSHA HCS 2012 • Skin Irritation 2
Skin sensitization	OSHA HCS 2012 • Skin Sensitizer 1

<b>STOT-RE</b>	OSHA HCS 2012 • Classification criteria not met
<b>STOT-SE</b>	OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
<b>Toxicity for Reproduction</b>	OSHA HCS 2012 • Toxic to Reproduction 1B
<b>Respiratory sensitization</b>	OSHA HCS 2012 • Classification criteria not met
<b>Serious eye damage/Irritation</b>	OSHA HCS 2012 • Serious Eye Damage 1

## 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**

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

**Section 16 - Other Information**

**Last Revision Date** • 26/January/2015

**Preparation Date** • 26/January/2015

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