



## 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 CO<sub>2</sub>, 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

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

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