1. PRODUCT IDENTIFICATION

1.1. Product Identifiers

Product name: EcoVia™ 3-in-1 Emulsifiable Concentrate– Diluted with water at 8 fl oz/gal

Other Means of Identification

Product synonyms: none

1.2. Recommended Uses/Restrictions to Use

Uses: FIFRA 25(b) exempt “minimum risk” pesticide product for the control of various pest species per label – ready to use dilution(s)

Restrictions: See product label for details

1.3. Supplier Details

Company: Rockwell Labs Ltd
1257 Bedford Avenue
North Kansas City, MO 64116-4308
USA

Telephone: 1 816-283-3167

1.4. Emergency Contact

Outside normal business hours

Emergency Phone #: 1 800-424-9300 (USA & Canada)
1 703-527-3887 (Outside USA & Canada)

2. HAZARDS IDENTIFICATION

2.1. Classification of Substance or Mixture

none

2.2. GHS label elements, including precautionary statements

Pictogram(s): none

Signal word: none

Hazard statement(s)

H226: none

Precautionary statement(s)

P210: none
2.3. Other hazards which do not result in classification

none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

Hazardous component(s) or components of note:

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Contains (% w/w)</th>
<th>CAS-No.</th>
<th>Hazard Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>none</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice
Consult a physician or poison control center. Provide this safety data sheet to medical personnel. Move out of hazardous areas.

If inhaled
Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

In case of skin contact
Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

In case of eye contact
Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed
Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

No data available

4.3. Indication of any immediate medical attention and special treatment needed, if necessary

None known

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
5.2. **Specific hazards arising from the chemical**
Oxides of carbon, nitrogen, and sulfur.

5.3. **Special protective equipment and precautions for fire fighters**
Wear self contained breathing apparatus for firefighting if deemed necessary.
Additional information: none.

5.4. **Further information**
No data available

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6. **ACCIDENTAL RELEASE MEASURES**

6.1. **Personal precautions, protective equipment and emergency procedures**
Avoid contact with spilled product and contaminated surfaces. Evacuate personnel to safe areas during emergencies. For safe handling instructions see section 7. For proper PPE see section 8.

6.2. **Environmental precautions**
Prevent further leakage or spillage if safe to do so.

6.3. **Methods and materials for containment and cleaning up**
Wipe up any spilled material and dispose of according to instructions in section 13. Wash contaminated surfaces with soap and water.

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7. **HANDLING AND STORAGE**

7.1. **Precautions for safe handling**
Handle in accordance with good industrial hygiene practices. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. For additional precautions see section 2.2

7.2. **Conditions for safe storage, including any incompatibilities**
Store upright in original container. Do not store where children or animals may gain access.

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8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1. **Control parameters**
Components with workplace parameters

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Value</th>
<th>Control parameters</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>TWA</td>
<td>400 ppm</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ST</td>
<td>500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>400 ppm</td>
<td>OSHA PEL</td>
</tr>
<tr>
<td>Oils, peppermint</td>
<td>8006-90-4</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td>Butyl stearate</td>
<td>123-95-5</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>ACGIH TLV</td>
</tr>
</tbody>
</table>
8.2. Appropriate engineering controls

Ensure relevant engineering controls are employed to prevent exceeding threshold values for the listed control parameters in section 8.1.

8.3. Individual protection measures, such as personal protective equipment

In normal use and handling conditions refer to the product label for required PPE. In all other cases the following recommendations would apply.

Eye/face protection
Safety glasses or other similar eye protection conforming to ANSI Z87.1 standards recommended when handling product.

Skin protection
Chemical resistant nitrile rubber or similarly compatible gloves recommended when handling product. Dispose of contaminated gloves after use in accordance with applicable local and state regulations. Wash exposed skin with soap and water immediately. Wash all contaminated clothing prior to reuse.

Respiratory protection
Not required under normal use conditions. Chemical cartridge respirator with organic vapor cartridge recommended when risk assessment shows need for air-purifying respirators.

Thermal hazards
None known

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance;</td>
<td>White liquid</td>
</tr>
<tr>
<td>Odor;</td>
<td>Thyme</td>
</tr>
<tr>
<td>Odor threshold;</td>
<td>No data available</td>
</tr>
<tr>
<td>pH;</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point/freezing point;</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range;</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point;</td>
<td>&gt; 200 °F (93 °C)</td>
</tr>
<tr>
<td>Evaporation rate;</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas);</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits;</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure;</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor density;</td>
<td>No data available</td>
</tr>
</tbody>
</table>
Relative density; 0.99 g/ml
Solubility; Soluble in water
Partition coefficient: n-octanol/water; No data available
Auto-ignition temperature; No data available
Decomposition temperature; No data available
Viscosity; Similar to that of water

9.2. Additional Information
No data available

10. STABILITY AND REACTIVITY
10.1. Reactivity
No dangerous reactions known.
10.2. Chemical stability
Stable under recommended storage conditions.
10.3. Possibility of hazardous reactions
No data available
10.4. Conditions to avoid
No data available
Incompatible materials
Strong oxidizing agents. Strong reducing agents.
10.5. Hazardous decomposition products
Other decomposition products – no data available
In the event of a fire: see Section 5

11. TOXICOLOGICAL INFORMATION
11.1. Information on toxicological effects
Acute Toxicity Estimate (ATE)
LD50 Oral – Rat – > 5000 mg/kg
LD50 Dermal – Rat – > 5000 mg/kg
LD50 Inhalation – Rat – no data available
Skin corrosion/irritation
No data available
Serious eye damage/irritation
No data available
Respiratory or skin sensitization
No data available
Germ cell mutagenicity
Carcinogenicity

IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.

NTP: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

OSHA: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

11.2. Other information

No data available

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Toxicity to fish

LC50 – Danio rerio (zebrafish) – >200 mg/l (96 hr)

Toxicity to daphnia

EC50 – Daphnia magna (Water flea) – >100 mg/l (48 hr)

Toxicity to and other aquatic invertebrates

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

The best disposal method is to use the entire quantity per label directions. If it is necessary to dispose of unused material then follow the label instructions and relevant local, state and federal waste disposal guidelines.

**Product Disposal:**
Do not contaminate water, food or feed by storage or disposal.

**Packaging Disposal:**
If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP which is managed as a public-private partnership.

See section 8 for proper PPE and precautionary handling measures.

### 14. TRANSPORT INFORMATION

**DOT**
Not dangerous goods

**IMDG**
Not dangerous goods

**IATA**
Not dangerous goods

### 15. REGULATORY INFORMATION

This chemical is a FIFRA 25(b) Exempt pesticide product that is not registered by the Environmental Protection Agency but is subject to certain labeling requirements under various state pesticide laws. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**KEEP OUT OF THE REACH OF CHILDREN**

**CAUTION**

**SARA 302 Components**
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**
The following components are subject to reporting levels established by SARA Title III, Section 313:
- Isopropyl alcohol – CAS-No. 67-63-0

**SARA 311/312 Hazards**
None

**California Proposition 65 Components**
This product does not contain any chemicals known to the state of California to cause cancer, birth defects, or reproductive harm.

**TSCA**
All components of this product are listed, exempted, or excluded from listing on the U.S. Toxic Substances Control Act chemical substance inventory.
16. OTHER INFORMATION

Acronyms and abbreviations used
LD50  Lethal Dose, 50%
OECD Organization for Economic Cooperation and Development
IARC International Agency for Research on Cancer
ACGIH American Conference of Industrial Hygienists
NTP National Toxicology Program
OSHA Occupational Safety and Health Administration
DOT Department of Transportation
IMDG International Maritime Dangerous Goods
IATA International Air Transport Association
SARA Superfund Amendments and Reauthorization Act
TSCA Toxic Substances Control Act
CAS-No. Chemical Abstract Services - Number
PPE Personal Protective Equipment
HMIS Hazardous Materials Identification System
NFPA National Fire Protection Association
PPM Parts Per Million
ANSI American National Standards Institute
TWA Time Weighted Average
PEL Permissible Exposure Limit
REL Recommended Exposure Limit
ST Short Term

Hazard Rating System Crossover

<table>
<thead>
<tr>
<th>HMIS Rating</th>
<th>NFPA Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Hazard: 1</td>
<td>Health Hazard: 1</td>
</tr>
<tr>
<td>Flammability: 0</td>
<td>Flammability: 0</td>
</tr>
<tr>
<td>Reactivity: 0</td>
<td>Reactivity: 0</td>
</tr>
</tbody>
</table>

Preparation information
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