1. IDENTIFICATION

Product identifier
Product Name

ECOS Disinfecting Wipes

Recommended use of the chemical and restrictions on use

Recommended Use
Hard Surface Disinfecting, Cleaning Wipe. Do not dilute.

Details of the supplier of the safety data sheet

Supplier Information
11150 Hope Street
Cypress, CA 90630.

Emergency telephone number

Company Phone Number: (800) 841-3100
Chemtrec 24-Hour U.S. Number: (800) 424-9300
Chemtrec 24-Hour International Number: +1 (703) 527-3887

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status (29CFR1910,1200): Not Hazardous

<table>
<thead>
<tr>
<th>Acute toxicity - Oral</th>
<th>Not classified Oral LD50 (rat) &gt; 5 g/kg body weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Dermal</td>
<td>Not classified Dermal LD50 (rabbit) &gt; 5 g/kg body weight</td>
</tr>
<tr>
<td>Acute toxicity - Inhalation (Vapors)</td>
<td>Not classified LCso &gt; 2.04 mg/L</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Mildly irritating</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Not a skin sensitizer</td>
</tr>
</tbody>
</table>

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric Acid</td>
<td>77-92-9</td>
<td>0.6</td>
<td></td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Description of first aid measures

Eye contact
Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact
Wash skin with soap and water.

Inhalation
Remove to fresh air.

Ingestion
None under normal use conditions.
Most important symptoms and effects, both acute and delayed

Symptoms  None known.

Indication of any immediate medical attention and special treatment needed

Note to physicians  Treatments should be based on observed signs/symptoms of distress in the patient. The possibility of overexposure to materials other than this product should be considered.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media  Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
No information available.

Explosion data
  Sensitivity to Mechanical Impact  None.
  Sensitivity to Static Discharge  None.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions  No special precautions are needed in handling this material.

Environmental precautions

Environmental precautions  See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment  Large (industrial) release: Before attempting clean up. Refer to hazard data given.

Methods for cleaning up  Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling  Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions  Keep container closed.

Incompatible materials  None known based on information supplied.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls
None under normal use conditions.

Individual protection measures, such as personal protective equipment

Eye/face protection
No special technical protective measures are necessary.

Skin and body protection
No special technical protective measures are necessary.

Respiratory protection
No protective equipment is needed under normal use conditions.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Wet wipe</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear transparent liquid on white towelettes</td>
</tr>
<tr>
<td>Color</td>
<td>Clear transparent liquid on white towelettes</td>
</tr>
<tr>
<td>Odor</td>
<td>Light citrus</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>1.90 - 2.40</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point</td>
<td>None to boiling</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.010</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Complete (100%)</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to avoid
Extremes of temperature.

Incompatible materials
None known based on information supplied.

Hazardous Decomposition Products
None known based on information supplied.
11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information: Product does not present an acute toxicity hazard based on known or supplied information.

- **Inhalation**: No known effect.
- **Eye contact**: Mildly irritating to the eyes.
- **Skin contact**: No known hazard in contact with skin.
- **Ingestion**: No data available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

- **Sensitization**: Not a contact sensitizer (U.S. EPA Health Effects Test Guidelines, OPPTS 870.2600).

12. ECOLOGICAL INFORMATION

Ecotoxicity
No data currently available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

- **Disposal of wastes**: Disposal should be in accordance with applicable regional, national and local laws and regulations.
- **Contaminated packaging**: Do not reuse container.

14. TRANSPORT INFORMATION

- **DOT**: Not regulated
- **IATA**: Not regulated
- **IMDG**: Not regulated

15. REGULATORY INFORMATION

**International Inventories**

- **TSCA**: Complies
- **DSL/NDSL**: Complies
- **IECSC**: Complies

**Legend:**

- **TSCA**: United States Toxic Substances Control Act Section 8(b) Inventory
- **DSL/NDSL**: Canadian Domestic Substances List/Non-Domestic Substances List
- **IECSC**: China Inventory of Existing Chemical Substances

**US Federal Regulations**
SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
</table>

### SARA 311/312 Hazard Categories
- Acute health hazard: No
- Chronic Health Hazard: No
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: No

### CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

#### California Proposition 65
This product does not contain any Proposition 65 chemicals

#### U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
</table>

#### U.S. EPA Label Information

EPA Pesticide Registration Number 34810-37

### 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards 0</th>
<th>Flammability 0</th>
<th>Instability 0</th>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS</td>
<td>Health hazards 0</td>
<td>Flammability 0</td>
<td>Physical hazards 0</td>
<td>Personal protection X</td>
</tr>
</tbody>
</table>

Issue Date 19-Mar-2018
Revision Date 19-Mar-2018

### Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet