1. IDENTIFICATION

Product identifier
Product Name
ECOS Multi Surface Disinfectant & Sanitizer, Fresh Citrus

Other means of identification
Product Code
PL9365/06, 9634/06
Synonyms
None

Recommended use of the chemical and restrictions on use
Recommended Use
Hard Surface Disinfecting Cleaner. Do not dilute.

Details of the supplier of the safety data sheet
Supplier Address
11150 Hope Street
Cypress, CA
90630
Emergency telephone number
Company Phone Number
US Toll-free: 1-800-335-ECOS
Emergency Telephone
Chemtrec 24-Hour U.S. Number: (800) 424-9300

2. HAZARDS IDENTIFICATION

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

Acute toxicity - Oral
Not classified Oral LD_{50} (rat) > 5 g/kg body weight
Acute toxicity - Dermal
Not classified Dermal LD_{50} (rabbit) > 5 g/kg body weight
Acute toxicity - Inhalation (Vapors)
Not classified LC_{50} > 2.04 mg/L
Eye effects
Mildly irritating
Skin sensitization
Not a skin sensitizer

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>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear transparent to slightly cloudy liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Clear to opalescent liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Fresh</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>2.00 - 2.3</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>
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<tr>
<td>Water solubility</td>
<td>Complete (100%)</td>
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</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

SARA 311/312 Hazard Categories

<table>
<thead>
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<th>Hazard Category</th>
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<tr>
<td>Acute health hazard</td>
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<tr>
<td>Chronic Health Hazard</td>
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<tr>
<td>Fire hazard</td>
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<tr>
<td>Sudden release of pressure hazard</td>
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<tr>
<td>Reactive Hazard</td>
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</table>

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
N/A

U.S. EPA Label Information
EPA Pesticide Registration Number 34810-35-82206

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

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Properties</th>
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<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
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<th>Physical hazards</th>
<th>Personal protection</th>
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Issue Date 24-Jul-2020
Revision Date

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