SAFETY DATA SHEET

Issuing Date  No data available  Revision Date  28-Aug-2014  Revision Number  2

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name ECOS PRO Toilet Bowl Cleaner (PL9703)

Other means of identification

Synonyms  None

Recommended use of the chemical and restrictions on use

Recommended Use  Toilet/Urinal Care Product - Non-aerosol

Uses advised against  No information available

Details of the supplier of the safety data sheet

Supplier Name  Venus Labs/dba Earth Friendly Products
Supplier Address  111. S Rohlwing Rd Addison, IL 60101
Supplier Phone Number  Phone: 800-451-9304
Emergency telephone number  Chemtrec: 800-424-9300

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Eye irritation</th>
<th>Category 1</th>
</tr>
</thead>
</table>

GHS Label elements, including precautionary statements

Signal word  Warning

Hazard Statements

May cause eye irritation

Emergency Overview
Appearance  Off white to Beige  
Physical State  Gel Liquid  
Odor  Cedar  

Precautionary Statements - Prevention  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Remove the contaminated clothing and wash  

Precautionary Statements - Response  
Specific treatment (see supplemental first aid instructions on this label)  

Skin  
IF ON SKIN: No adverse reaction expected. Wash with soap and water  
Take off contaminated clothing and wash before reuse  
IF irritation or rash occurs: consult a doctor/physician  

Precautionary Statements - Storage  
None  

Precautionary Statements - Disposal  
Dispose of contents/container to an approved waste disposal plant  

Hazards not otherwise classified (HNOC)  
Not applicable  

Unknown Toxicity  
0.7% of the mixture consists of ingredient(s) of unknown toxicity  

Other information  
Harmful to aquatic life  
May cause slight eye irritation  
PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION  
Repeated or prolonged skin contact may cause allergic reactions with susceptible persons  

Interactions with Other Chemicals  
Irritants.  

3. COMPOSITION/INFORMATION ON INGREDIENTS  

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric acid</td>
<td>77-92-9</td>
<td>3 - 7</td>
<td>*</td>
</tr>
<tr>
<td>Cocamidopropyl betaine</td>
<td>61789-40-0</td>
<td>0.1 - 1</td>
<td>*</td>
</tr>
<tr>
<td>Methylisothiazolinone</td>
<td>2682-20-4</td>
<td>&lt; 100ppm</td>
<td>*</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret  

4. FIRST AID MEASURES  

First aid measures  

General Advice  
Show this safety data sheet to the doctor in attendance.  

Eye Contact  
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Keep eye wide open while rinsing. Remove contact lenses, if present and if irritation
persists consult a doctor/physician.

**Skin Contact**
Wash off immediately with soap and plenty of water for at 15 minutes. In the case of skin irritation or allergic reactions see a physician. May cause an allergic skin reaction.

**Inhalation**
Remove to fresh air. If symptoms persist, call a physician.

**Ingestion**
Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

**Self-protection of the first aider**
Use personal protective equipment as required.

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects**

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**
May cause sensitization of susceptible persons. Treat symptomatically.

### 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**
Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes. Product is or contains a sensitizer. May cause sensitization by skin contact.

<table>
<thead>
<tr>
<th>Uniform Fire Code</th>
<th>Sensitizer: Liquid</th>
</tr>
</thead>
</table>

**Hazardous Combustion Products**
Carbon oxides.

**Explosion Data**
No.

**Sensitivity to Mechanical Impact**
No.

**Sensitivity to Static Discharge**
No.

**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**
Avoid contact with eyes.

**Environmental Precautions**
7. HANDLING AND STORAGE

Precautions for safe handling.

Handling
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage
Keep container tightly closed. Keep out of reach of children.

Incompatible Products
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 Measures
Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection
Wear safety glasses with side shields (or goggles).

Skin and Body Protection
Wear protective gloves and protective clothing.

Respiratory Protection
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Gel Liquid, Viscous</td>
<td>Odor</td>
</tr>
<tr>
<td>Appearance</td>
<td>White to off-white</td>
<td>Cedar</td>
</tr>
<tr>
<td>Color</td>
<td>No information available</td>
<td>Odor Threshold</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td></td>
<td>Values</td>
<td>Remarks/ Method</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>2.5</td>
</tr>
<tr>
<td>Melting / freezing point</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>85 °C / 185 °F</td>
</tr>
<tr>
<td>Flash Point</td>
<td>None known</td>
</tr>
<tr>
<td>200°C</td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>None known</td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>None known</td>
</tr>
<tr>
<td>Specific Gravity Water</td>
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<tr>
<td>Solubility</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>None known</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>None known</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>None known</td>
</tr>
<tr>
<td>Other Information</td>
<td></td>
</tr>
<tr>
<td>Softening Point VOC Content (%)</td>
<td>No data available</td>
</tr>
<tr>
<td>Particle Size</td>
<td>No data available</td>
</tr>
<tr>
<td>Particle Size Distribution</td>
<td></td>
</tr>
</tbody>
</table>

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

Carbon oxides.

**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**

Specific test data for the substance or mixture is not available. No irritation expected.
Eye Contact  May cause irritation to eyes.

Skin Contact  Specific test data for the substance or mixture is not available.

Ingestion  Specific test data for the substance or mixture is not available.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropyl betaine</td>
<td>4900 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Information on toxicological effects

Symptoms  Itching, Rashes, Hives.

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

Sensitization  May cause sensitization of susceptible persons. May cause sensitization by skin contact.

Mutagenic Effects  No information available.

Carcinogenicity  Contains no ingredient listed as a carcinogen.

Reproductive Toxicity  No information available.

STOT - single exposure  No information available.

STOT - repeated exposure  No information available.

Chronic Toxicity  No known effect based on information supplied.

Target Organ Effects  Skin.

Aspiration Hazard  No information available.

Numerical measures of toxicity  Product Information

The following values are calculated based on chapter 3.1 of the GHS document

Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity  Harmful to aquatic life in high concentration

Persistence and Degradability  No information available.

Bioaccumulation

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric acid 77-92-9</td>
<td>-1.72</td>
</tr>
</tbody>
</table>

Other adverse effects  No information available.
13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

California Hazardous Waste Codes 561

This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NOT REGULATED</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>NON REGULATED</td>
<td></td>
</tr>
<tr>
<td>TDG</td>
<td>Not regulated</td>
<td></td>
</tr>
<tr>
<td>MEX</td>
<td>Not regulated</td>
<td></td>
</tr>
<tr>
<td>ICAO</td>
<td>Not regulated</td>
<td></td>
</tr>
<tr>
<td>IATA</td>
<td>Not regulated</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Proper Shipping Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>NON REGULATED</td>
<td></td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>IMDG/IMO</td>
<td>Not regulated</td>
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</tr>
<tr>
<td></td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>RID</td>
<td>Not regulated</td>
<td></td>
</tr>
<tr>
<td>ADR</td>
<td>Not regulated</td>
<td></td>
</tr>
<tr>
<td>ADN</td>
<td>Not regulated</td>
<td></td>
</tr>
</tbody>
</table>

International Inventories

15. REGULATORY INFORMATION

TSCA

Complies

DSL

All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

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

Acute Health Hazard: Yes
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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric acid 77-92-9</td>
<td></td>
<td></td>
<td>RQ Section number 180.950</td>
</tr>
</tbody>
</table>

US State Regulations

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

U.S. State Right-to-Know Regulations
This product does not contain any substances regulated by state right-to-know regulations.

International Regulations

Canada
WHMIS Hazard Class
D2B - Toxic materials

16. OTHER INFORMATION

NFPA
Health Hazards 1
Flammability 0
Instability 0
Physical and Chemical Hazards

HMIS
Health Hazards 1
Flammability 0
Personal Protection

X

Revision Date 28-Aug-2014
Revision Note No information available

Disclaimer
The information provided in this 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