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

Product identifier

Product Name                     ECOS PRO Free & Clear Liquid Laundry (PL9371)
Other means of identification,
Synonyms                        None

Recommended use of the chemical and restrictions on use

Recommended Use                  Laundry, Detergent
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
Emergency Overview

Hazard Statements
May cause eye irritation
**Appearance**  Clear  
**Physical State**  Viscous Liquid  
**Odor**  None

**Precautionary Statements - Prevention**  
Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
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 skin irritation or rash occurs: Get medical advice/attention

**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**  
6.502% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**  
Toxic to aquatic life with long lasting effects  
Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

**Interactions with Other Chemicals**  
No information available.

### 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>Cocamidopropyl betaine</td>
<td>61789-40-0</td>
<td>7 - 13</td>
<td>*</td>
</tr>
<tr>
<td>Cocamidopropylamine oxide</td>
<td>68155-09-9</td>
<td>1 - 5</td>
<td>*</td>
</tr>
<tr>
<td>Methylisothiazolinone</td>
<td>2682-20-4</td>
<td>0.1 - 1</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 least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

**Inhalation**
Remove to fresh air. Get medical attention immediately if symptoms occur.

**Ingestion**
Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

**Self-protection of the first aider**
Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

**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**
Treat symptomatically. May cause sensitization of susceptible persons.

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**
Product is or contains a sensitizer. May cause sensitization by skin contact.

- **Uniform Fire Code**
  Sensitizer: Liquid

**Hazardous Combustion Products**
Carbon oxides.

**Explosion Data**
- **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 skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

**Other Information**
Refer to protective measures listed in Sections 7 and 8.
Environmental Precautions

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Methods for Containment
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling.

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

Conditions for safe storage, including any incompatibilities

Storage
Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products

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). None required for consumer use.

Skin and Body Protection
Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves.

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. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Appearance</th>
<th>Odor</th>
<th>Odor Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscous Liquid</td>
<td>Clear</td>
<td>Neutral</td>
<td>No information available</td>
</tr>
<tr>
<td>Pale Gold</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Property</td>
<td>Values</td>
<td>Remarks/ Method</td>
<td></td>
</tr>
<tr>
<td>--------------------------------</td>
<td>---------------------------------</td>
<td>----------------</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>7.25</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Melting / freezing point</td>
<td>None known</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>212°F</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>94°C / 201°F</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate Flammability</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>(solid, gas)</td>
<td></td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No data available</td>
<td>None known</td>
<td></td>
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<tr>
<td>Lower flammability limit</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td></td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity Water</td>
<td>1.01 – 1.02</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
<td>None known</td>
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</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td></td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td></td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Softening Point</td>
<td></td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td></td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Particle Size Distribution</td>
<td></td>
<td>None known</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.**


**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: Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. May Cause Eye Irritation. May cause burns.

Skin Contact: Specific test data for the substance or mixture is not available. Not expected to be a skin irritant based on components. Prolonged contact may cause redness and irritation.

Ingestion: Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50 (mg/kg)</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropyl betaine</td>
<td>= 4900 (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>61789-40-0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Information on toxicological effects:


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

Sensitization: May cause sensitization of susceptible persons 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: Eyes. 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:

ATEmix (oral):
11,695.00 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity:
Toxic to aquatic life with long lasting effects.

Persistence and Degradability:
No information available.

Bioaccumulation:
No information available.
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

14. TRANSPORT INFORMATION

DOT
NOT REGULATED

TDG
Not regulated

MEX
Not regulated

ICAO
Not regulated

IATA
Not regulated

IMDG/IMO
Not regulated

Hazard Class
N/A

RID
Not regulated

ADR
Not regulated

ADN
Not regulated

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

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>
<th>Rhode Island</th>
<th>Illinois</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phenoxyethanol 122-99-6</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

International Regulations

Canada
WHMIS Hazard Class
D2B - Toxic materials

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Health Hazards 1</td>
<td>0</td>
<td>0</td>
<td>Physical Hazard 0 Personal Protection X</td>
</tr>
</tbody>
</table>

Revision Date 08-Mar-2013
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