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

Product identifier

Product Name  ECOS PRO Dishmate Pear (PL9720)

Other means of identification

Synonyms  None

Recommended use of the chemical and restrictions on use

Recommended Use  Liquid dishwashing soap

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)

| Serious eye damage/eye irritation | Category 1 |

GHS Label elements, including precautionary statements

Emergency Overview
### Signal word

**Warning**

### Hazard Statements

May cause eye irritation

### Appearance

**Clear to pale gold**

### Physical State

**Viscous Liquid**

### Odor

**Pear**

### 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 work clothing and wash.

### Precautionary Statements - Response

Specific treatment (see supplemental first aid instructions on this label)

#### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists consult a doctor/physician

#### 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

6.52% 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>10 - 30</td>
<td>*</td>
</tr>
<tr>
<td>Cocamidopropylamine oxide</td>
<td>68155-09-9</td>
<td>1 - 5</td>
<td>*</td>
</tr>
<tr>
<td>2-Methyl-3-isothiazolone</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. Immediate medical attention is required.

**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 easy to do. Continue rinsing. 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. Use personal protective equipment as required. 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**
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
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

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. Store locked up. Keep out of reach of children.

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
Tight sealing safety goggles.

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

Physical State
Viscous Liquid

Appearance
Clear to pale gold

Color
No information available

Odor
Pear

Odor Threshold
No information available

Property
Values
Remarks/ Method

pH
6.00 – 8.00
None known

Melting / freezing point
No data available
None known

Boiling point / boiling range
212°C
None known
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

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 an 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</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>
<tr>
<td>61789-40-0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Information on toxicological effects

Symptoms


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)

11,036.00 mg/kg
12. ECOLOGICAL INFORMATION

**Ecotoxicity**
Toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropyl betaine 61789-40-0</td>
<td>72h EC50: 1.0 - 10.0 mg/L (Desmodesmus subspicatus) 96h EC50: = 0.55 mg/L (Desmodesmus subspicatus)</td>
<td>96h LC50: 1.0 - 10.0 mg/L (Brachydanio rerio) 96h LC50: = 2 mg/L (Brachydanio rerio)</td>
<td>48h EC50: = 6.5 mg/L</td>
<td></td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>DOT</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
<th>NOT REGULATED</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>NON REGULATED</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TDG</th>
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</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>MEX</th>
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</table>

<table>
<thead>
<tr>
<th>ICAO</th>
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<table>
<thead>
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<th>IATA</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
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<tbody>
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<td>NON REGULATED</td>
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</table>

<table>
<thead>
<tr>
<th>IMDG/IMO</th>
<th>Not regulated</th>
</tr>
</thead>
</table>
Hazard Class: N/A

RID: Not regulated
ADR: Not regulated
ADN: Not regulated

15. REGULATORY INFORMATION

International Inventories

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

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td></td>
<td>No</td>
</tr>
</tbody>
</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

<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>Phenoxethanol</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<td>122-99-6</td>
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<td></td>
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</tr>
</tbody>
</table>

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  Physical Hazard  0  Personal Protection

Revision Date 24-Nov-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