SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: HandMaster Pumicized Waterless Citrus Hand Cleaner
Recommended Use: For Skin Cleansing
SDS Supplier Address: Penco Products, Inc.
1820 Stonehenge Drive
Greenville, NC 27858 USA
Emergency Phone: 800-228-5635
Non-Emergency Phone: 800-562-1000

SECTION 2: HAZARDS IDENTIFICATION

Classification:
Hazard Category: Eye Damage/Irritation Category 2B
Signal Word: Warning
Hazard Statement: Causes Eye Irritation
Precautionary Statement:
Prevention: Wash hands thoroughly after handling
Response: 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: Get medical advice/attention

SECTION 3: INFORMATION ON INGREDIENTS

Chemical Name: Hand Cleanser
This product meets the FDA definition of a cosmetic product.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Common Name/Synonyms</th>
<th>CAS Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy-</td>
<td>Ethoxylated Alcohol Surfactant Tomadol 1-7 Undeceth-7</td>
<td>34398-01-1</td>
<td>1 – 5</td>
</tr>
<tr>
<td>Poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy-</td>
<td>Ethoxylated Alcohol Surfactant Tomadol 1-3 Undeceth-3</td>
<td>34398-01-1</td>
<td>1 – 5</td>
</tr>
<tr>
<td>Remaining Ingredients</td>
<td>The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.</td>
<td></td>
<td>90 - 98</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

General Information: It is unlikely that emergency treatment will be required.
After Inhalation: Not a normal route of entry
After Skin Contact: Wash off with water.
After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
If irritation persists: Get medical advice/attention.
After Swallowing: Not a normal route of entry.
Most important symptoms and effects: Contact with eyes may cause temporary burning and redness.
Notes to Physician: Treat symptomatically.

Indication of any immediate medical attention and special treatment needed: No further relevant information is available.
SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media
   Suitable Extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Specific hazards arising from the substance or mixture
   Potential products of combustion: Unknown

Advice for Firefighters
   Protective Equipment: In case of insufficient ventilation, wear suitable respiratory equipment.
   Additional Information: Cool endangered containers with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions
   Surfaces will become slippery if product is spilled.

Environmental Precautions:
   Do not allow to enter sewers, or surface or ground water.

Containment Methods:
   Ensure adequate ventilation. Prevent further spread of any spilled material, if safe to do so.

Methods for clean up:
   Absorb liquid components with liquid-binding material.
   Clean the affected area carefully with water.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling
   Avoid contact with eyes.

Requirements to be met by store rooms and receptacles:
   Storage Conditions:
     Store in a cool, dry location, out of direct sunlight.
   Incompatible Material:
     None known based on information available.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines: This product presents no health hazards to the user when used according to labels directions for it’s intended use.

Permissible or Recommended Exposure Limits for mixture
   ACGIH: Undetermined
   NIOSH: Undetermined
   OSHA: Undetermined

Appropriate Engineering Controls:
   See section 7. No additional data available.

Individual Protective Measures
   General hygienic measures:
     Wash hands before breaks and at the end of work.
   Respiratory Protection:
     Not necessary if area is well ventilated.
   Hand Protection:
     Not generally required.
   Eye Protection:
     In case of splash risk, wear safety glasses.
### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**
- **Form:** Thick Lotion
- **Color:** Green
- **Odor:** Citrus
- **Odor Threshold:** Not determined
- **pH Value:** 6 - 7
- **Specific Gravity:** 1.1

**Change in Condition:**
- **Melting Point / Melting Range:** Not determined
- **Boiling Point / Boiling Range:** 100°C / 212°F
- **Freezing Point:** 32°F (0°C)
- **Flash Point:** >210°F (>99°C)
- **Flammability (solid, gas):** Not Applicable
- **Ignition Temperature:** Not determined
- **Decomposition Temperature:** Not determined
- **Self Igniting:** Product is not self-igniting
- **Danger of Explosion:** Not determined

**Explosion Limits:** Not determined
**Vapor Pressure at 20°C:** Not determined
**Density at 20°C:** Not determined
**Relative Density:** Not determined
**Vapor Density:** Not determined
**VOC Contribution:** 0% by weight
**Evaporation Rate:** Not determined
**Solubility in / Miscibility with water:** Soluble (liquid portion)
**Partition coefficient (n-octanol/water):** Not determined
**Viscosity**
- **Dynamic:** Not determined
- **Kinematic:** Not determined

### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Normally non-reactive
**Chemical Stability:** Stable if used as directed
**Possibilities of Hazardous Reactions:** None known
**Conditions to Avoid:** None known
**Incompatible Materials:** None known
**Hazardous Decomposition Products:** None known

### SECTION 11: TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Skin, Eye
**Symptoms of Exposure**
- **Skin Exposure:** Long term or excessive use may cause dryness.
- **Eye Exposure:** Contact will cause burning and irritation.
**Chronic Effects:** None Known
**Acute Toxicity:** Not Tested
**Carcinogenicity:** None of the chemicals used in this product have been found to be carcinogenic by NTP, IARC, OSHA, or ACGIH
SECTION 12: ECOLOGICAL INFORMATION

Toxicity
   Aquatic Toxicity                Not Tested
   Persistence and Degradability   Not Tested

Behavior in Environmental Systems
   Bioaccumulative Potential      Not Tested
   Mobility in Soil               Not Tested

Ecotoxicological Effects
   Behavior in Sewage Processing Plants Not Tested

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with applicable local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

UN Number
   DOT, IMDG, IATA                Unregulated

UN Proper Shipping Name
   DOT                           Unregulated
   IMDG                          Unregulated
   IATA                          Unregulated

Environmental Hazard
   Marine Pollutant              Unknown

Special Precautions for the user None

SECTION 15: REGULATORY INFORMATION

All ingredients used in this product are listed in the TSCA Inventory.
This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the
information required by the CPR.
This product meets the definition of a cosmetic per The US Food and Drug Administration.

SECTION 16: OTHER INFORMATION

HMIS:
   Health: 1          Flammability: 0          Toxicity: 0          Personal Protection: not determined

This information is based on our present knowledge. However, this shall not constitute a guarantee for
any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:
   DOT: Department of Transportation (USA)
   IMDG: International Maritime Code for Dangerous Goods
   IATA: International Air Transport Association
   ICAO: International Civil Aviation Organization
   TSCA: Toxic Substance Control Act (USA)
   CPR: Controlled Products Regulations (Canada)
   GHS: Globally Harmonized System of Classification and Labeling of Chemicals
   LC50: Lethal concentration, 50 percent
   LD50: Lethal dose, 50 percent
The information in this MSDS concerns the product mentioned in heading 1 and is given on the assumption that the product will be used in a way and for purposes indicated by the manufacturer. The information above is believed to be accurate and represents the best information currently available to us. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is recommendable to pass the information from this MSDS, if necessary adjusted, to personnel/party concerned.

Prepared: July 17, 2013
Revised: November 4, 2014