ENVIROSTAR GREEN™ EXTRACTION RINSE

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: EnviroStar Green Extraction Rinse
Product Type: Waterbased carpet extraction rinse

Manufacturer Address:
Amano Pioneer Eclipse Corporation
P.O. Box 909
1 Eclipse Road
Sparta, NC 28675

Contact Information:
Telephone: 1-336-372-8080
Email: msds@pioneer-eclipse.com
Internet: www.pioneer-eclipse.com

FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night. Within USA and Canada 1-800-424-9300. Outside USA and Canada +1 703 527 3887 (collect calls accepted)

2: HAZARDS IDENTIFICATION

OSHA status: Hazardous- Irritant

Potential Health Effects:
Eye Contact: Irritating to eyes.
Skin Contact: Irritating to skin.
Inhalation: Spray mist can cause irritation to nose, throat and lungs.
Ingestion: May cause irritation to mouth, esophagus and stomach.

3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredient</th>
<th>CAS Number</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>citric acid</td>
<td>77-92-9</td>
<td>7 - 13</td>
</tr>
</tbody>
</table>

4: FIRST AID MEASURES

Eye Contact: In case of contact, flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention, if irritation persists.
Skin Contact: In case of contact, wash skin with soap and plenty of water. Get medical attention, if irritation persists.
Inhalation: If inhaled, remove to fresh air. If irritation persists, get medical attention.
Ingestion: If ingested, Do NOT induce vomiting! Seek medical attention immediately.

5: FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical, water spray, foam, carbon dioxide
Special Fire Fighting Procedures: None
Hazardous Combustible Products: None
Unusual Fire and Explosion Hazards: Materials can splatter above 100°F/212°F

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Put on personal protective equipment (see Section 8). Keep spectators away. Floors may be slippery: use care to avoid falling.
Environmental Precautions: Keep spills and cleaning run-off out of sewers and open bodies of water.
Containment and Clean-Up
Small Spills: Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.
Large Spills: Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal.
Waste Disposal: Landfill or incinerate the contaminated solids and diking material in accordance with local, state and federal regulations. Non-salvageable liquid should be drummed and disposed of in accordance with local, state and federal regulations.
**ENVIROSTAR GREEN™ EXTRACTION RINSE**

### 7: HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only in well-ventilated areas. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use.

**Storage:** Storage temperature (Max. 60°C/140°F - Min. 1°C/34°F)

**Other information:** Keep from freezing, product may coagulate. Keep container sealed when not in use. Keep out of reach of children.

### 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limit Values:** None

**Engineering Controls:** Ensure adequate general ventilation.

**Personal Protective Equipment (PPE)**

- **Eye/Face Protection:** Chemical splash goggles (ANSI Z87.1-1989 or approved equivalent)
- **Skin Protection:** Rubber gloves recommended. If major exposure is possible, wear suitable protective clothing such as rubber boots, apron, etc.
- **Respiratory Protection:** None required when permissible airborne concentrations are not exceeded. In an emergency, use approved positive pressure self-contained breathing device.

### 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** clear, colorless liquid
- **Odor:** no fragrance added
- **Odor Threshold:** N/E
- **Freezing Point:** 32°F / 0°C
- **Flashing Point:** 212 ºF / 100 ºC
- **Flash Point:** >200 °F / >93°C
- **Flammability:** non-combustible
- **Vapor Pressure:** less than water
- **Relative Density:** 8.7 lg.gal @ 68ºF / 1.05 kg/L @ 20ºC
- **Partition Coefficient (n-octanol/water):** N/E
- **Decomposition Temperature:** N/E
- **Viscosity:** < 10 centipoise @ 60 ºF (20 ºC)
- **Vapor Density:** greater than air
- **Solubility:** 100% soluble in water
- **Auto Ignition temperature:** N/E
- **Volatile by Weight:** 89%
- **VOC:** 0.2% (as supplied), <0.01% (1:128 or 1:640)

### 10: STABILITY AND REACTIVITY

- **Stability:** Stable under normal conditions.
- **Hazardous reactions:** None expected
- **Conditions to avoid:** None known
- **Incompatible materials:** None known
- **Hazardous decomposition products:** None known

### 11: TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Not determined on product.

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral-Rat (mg/kg)</th>
<th>LD50 Dermal -Rabbit (mg/kg)</th>
<th>LC50 Inhalation-Rat (mg/l)</th>
<th>Carcinogenicity</th>
<th>CA - Prop 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>citric acid</td>
<td>3,000</td>
<td>N/A</td>
<td>N/A</td>
<td>N/L</td>
<td>N/L</td>
</tr>
</tbody>
</table>

**LOCAL EFFECTS**

- **Skin contact:** May cause skin irritation
- **Eye contact:** May cause eye irritation
- **Sensitization:** None expected
- **Chronic effects:** None expected

**SPECIFIC EFFECTS**

- **Carcinogenicity:** None known
- **Reproductive effects:** None known
- **Teratogenicity:** None known
- **Mutagenicity:** None known
12: ECOLOGICAL INFORMATION

Ecological data not available.

13: DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, regional, and national regulations.

14: TRANSPORT INFORMATION

This product is not classified as hazardous for transportation.

15: REGULATORY INFORMATION

U.S. Regulations/Reporting: Components not subject to reporting (SARA 302/304, 313, CERCLA)
State Right to Know Status: Components are not subject to State RTK Listing (MA, NJ, PA, RI)
Canada Regulations/Reporting: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

WHMIS hazard class: D2B

Ingredients required for disclosure:

<table>
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<th>Weight %</th>
<th>Classification</th>
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<tbody>
<tr>
<td>citric acid</td>
<td>77-92-9</td>
<td>&gt; 1%</td>
<td>E</td>
</tr>
</tbody>
</table>

16: OTHER INFORMATION

Abbreviations Used:
N/E - Not Established
N/A - Not applicable
N/L - Not Listed

Revision History:
08/17/2011- WHMIS classification (Section15), corrected VOC, minor typographical changes (Section 1, 4, 6, 9)
04/01/2011- format change to ANSI Z400.1-2004

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This MSDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

**IMPORTANT SAFETY INFORMATION** DO NOT DISCARD **PLEASE ROUTE TO COMPANY SAFETY OFFICER**