1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Eclipse Neutral All Purpose Cleaner
Product Type: All-purpose cleaner

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.pioneereclipse.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
Precautions: Warning! Skin and Eye Irritant. Keep container sealed when not in use.
Keep out of reach of children.

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>diethanolamine</td>
<td>111-42-2</td>
<td>1 - 5%</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. If irritation persists, get medical attention.
Skin Contact: In case of contact, flush skin with plenty of water. If irritation persists, get medical attention.
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 known
Unusual Fire and Explosion Hazards: Materials can splatter above 212 ºF / 100 ºC

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.
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.

Waste Disposal:
ECLIPSE NEUTRAL ALL PURPOSE CLEANER

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.
Storage: Storage temperature (Max. 60ºC/140ºF - Min. 1ºC/34ºF).
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 Limits:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>ACGIH TWA</th>
<th>STEL N/L</th>
<th>OSHA TWA</th>
<th>STEL N/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethanolamine</td>
<td>111-42-2</td>
<td>0.2 ppm IFV (skin)</td>
<td>N/L</td>
<td>N/L</td>
<td>N/L</td>
</tr>
</tbody>
</table>

Engineering Controls: Ensure adequate general ventilation.

Personal Protective Equipment (PPE)

Eye/Face Protection: Safety glasses recommended
Skin Protection: Rubber gloves recommended.
Respiratory Protection: Respiratory protection should be worn when there is potential to exceed the exposure limit requirements or guidelines.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: pink, viscous liquid
Odor: slight lemon
Odor Threshold: N/E
Freezing Point: 32 ºF / 0ºC
Flashing Point: >200 ºF / >93 ºC
Flammability: non-combustible
Vapor Pressure: less than water
Relative Density: 8.7 lb/gal @ 68ºF / 1.04 kg/L @ 20ºC
Partition Coefficient (n-octanol/water): N/E
Decomposition Temperature: N/E
Viscosity: < 200 centipoise @ 68 ºF (20 ºC)

10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: None known
Incompatible materials: Strong acids and bases
Hazardous decomposition products: None known
Hazardous reactions: None known

11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Not determined on product.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD50 Oral - Rat</th>
<th>LD50 Dermal - Rabbit</th>
<th>LC50 Inhalation - Rat (mg/l)</th>
<th>Carcinogenicity</th>
<th>CA - Prop 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethanolamine</td>
<td>620 µL/kg</td>
<td>7640 µL/kg</td>
<td>N/A</td>
<td>IARC-2B</td>
<td>Listed</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.
Disposal of this material should be in accordance with local, regional, and national regulations.

This product is not classified as hazardous for transportation.

**U.S. Regulations/Reporting**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>SARA 302/304</th>
<th>SARA 313</th>
<th>CERCLA</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethanolamine</td>
<td>111-42-2</td>
<td>N/A</td>
<td>1.00%</td>
<td>100 lb RQ</td>
</tr>
</tbody>
</table>

**State Right to Know Status:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>MA - RTK</th>
<th>NJ - RTK</th>
<th>PA - RTK</th>
<th>RI - RTK</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethanolamine</td>
<td>111-42-2</td>
<td>Present</td>
<td>Present</td>
<td>Present</td>
<td>Present</td>
</tr>
</tbody>
</table>

**California Prop 65:** WARNING: This product contains a chemical known to the State of California to cause cancer.

**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>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Weight %</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethanolamine</td>
<td>111-42-2</td>
<td>&gt;1%</td>
<td>D2B</td>
</tr>
</tbody>
</table>

Product intended for commercial and industrial use only.

**Abbreviations Used:**

N/E - Not Established  IARC 2B - Possibly carcinogenic to humans.
N/L - Not Listed       IFV - Inhalable fraction and vapor
N/A - Not applicable

**Revision History:**

11/6/2013- Section 9, 11, 15, 16

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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**