1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Day-Star Ultra High-Speed Floor Coating  
Product Type: Polymer emulsion

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

2: OSHA status: Not classified as hazardous.
Precautions: Keep container closed when not in use. Keep out of reach of children.

Potential Health Effects:

Eye Contact: None expected under normal use.
Skin Contact: None expected under normal use.
Inhalation: None expected under normal use.
Ingestion: None expected under normal use.

3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredient</th>
<th>CAS Number</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethylene glycol monoethyl ether</td>
<td>111-90-0</td>
<td>3 - 7</td>
</tr>
</tbody>
</table>

4: FIRST AID MEASURES

Eye Contact: Rinse with plenty of water. If irritation develops and persists, seek medical attention.
Skin Contact: Wash with plenty of water. If irritation develops and persists, seek medical attention.
Inhalation: If breathing is difficult, remove to fresh air. If symptoms persist, seek medical attention.
Ingestion: If ingested, do not induce vomiting. Seek medical attention.

5: FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical, water spray, foam, carbon dioxide
Special Fire Fighting Procedures: None
Hazardous Combustible Products: Materials can splatter above 212 ºF / 100 ºC
Unusual Fire and Explosion Hazards: No special fire fighting procedures recommended

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.

7: HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin. Wash thoroughly after handling. Use in well-ventilated areas.
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: None
Engineering Controls: Ensure adequate general ventilation.
Personal Protective Equipment (PPE)
Eye/Face Protection: Safety glasses recommended.
Skin Protection: Rubber gloves recommended.
Respiratory Protection: No specific personal protection is required.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: milky white liquid
Odor: Slight ammoniacal
Odor Threshold: N/E
pH: 8.7 ± 0.5
Freezing Point: 32 °F / 0°C
Boiling Point: 212 °F / 100 ºC
Flash Point: non-combustible
Evaporation Rate: less than water
Flammability: non-combustible
Upper/Lower Flammability limits: N/E
Vapor Pressure: less than water
Vapor Density: greater than air
Relative Density: 8.6 lb/gal @ 68°F / 1.03 kg/l @ 20ºC
Solubility: 100% soluble in water
Partition Coefficient (n-octanol/water): N/E
Auto Ignition temperature: N/E
Decomposition Temperature: N/E
Volatile by Weight: 80% ± 0.5%
Viscosity: < 10 centipoise @ 68 °F (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 (4hr) Inhalation-Rat</th>
<th>Carcinogenicity</th>
<th>CA - Prop 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethylene glycol monoethyl ether</td>
<td>1920 mg/kg</td>
<td>4200 µl/kg</td>
<td>&gt;5240 mg/m³</td>
<td>N/L</td>
<td>N/L</td>
</tr>
</tbody>
</table>

LOCAL EFFECTS

- Skin contact: May cause mild irritation
- Eye contact: May cause mild 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.
DAY-STAR™ ULTRA HIGH-SPEED FLOOR COATING

15: REGULATORY INFORMATION

U.S. Regulations/Reporting

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>SARA 302/304</th>
<th>SARA 311/312</th>
<th>SARA 313</th>
<th>CERCLA</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethylene glycol monoethyl ether</td>
<td>111-90-0</td>
<td>N/L</td>
<td>N/L</td>
<td>present*</td>
<td>***</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>
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<td>diethylene glycol monoethyl ether</td>
<td>111-90-0</td>
<td>N/L</td>
<td>N/L</td>
<td>present*</td>
<td>N/L</td>
</tr>
</tbody>
</table>

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: Not a controlled product.

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>diethylene glycol monoethyl ether</td>
<td>111-90-0</td>
<td>&gt;1 %</td>
<td>B3, D2B</td>
</tr>
</tbody>
</table>

16: OTHER INFORMATION

Product intended for commercial and industrial use only.

Abbreviations Used:

N/E - Not Established
N/A - Not applicable
N/L - Not Listed
*** - No RQ assigned, although a CERCLA hazardous substance
* - listed as generic class Glycol Ethers

Revision History:
04/29/2014 - Section 1, 7, 15 (WHMIS), 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**