

## ECLIPSE® NEUTRAL ALL PURPOSE CLEANER

Low pH, all-purpose daily floor cleaner removes dirt and soil without harming the shine. May be used on all washable surfaces.

### FEATURES

- Concentrated for economical use
- Low foaming – easily applied with mop, sponge or autoscrubber
- Effective cleaner for deep scrubbing
- Excellent cleaner for use after stripping and scrubbing.
- Pleasant light lemon fragrance



### RECOMMENDED SURFACES

All resilient tile flooring, linoleum, terrazzo, marble and quarry tile

### PRODUCT DATA

Description:	All-purpose synthetic water-based cleaner
Appearance:	Pink viscous clear liquid
Fragrance:	Slight lemon
Viscosity (Brookfield):	225 ± 50 centipoise @ 68°F (20°C)
pH:	9.25 ± 0.5 ASTM E70-97
pH @ 1:64:	8.5 ± 0.5 ASTM E70-97
Density:	8.6 lb per gal @ 68°F 1.03 kg per liter @ 20°C
Flashpoint:	None
Freeze/Thaw:	Passes 3 cycles ASTM D3209-93 (1998)
Shelf Life:	2 years, ASTM D1791-93 (1998)

### PRECAUTIONS

Keep out of reach of children. Keep container sealed when not in use. Keep from freezing.

### ORDERING INFORMATION

Product #301D: 4 x 1.06 gallon per case (4 x 4 liters)

### DIRECTIONS FOR USE: ROUTINE MAINTENANCE

1. Dust mop floor with a mop treated with EnviroStar Green® Dust Mop Treatment or with an untreated dust mop.
2. Mix Eclipse® Neutral Cleaner per the following dilution ratio:  
1:256 0.5 US oz per gallon water (20 ml per 5 liters water)
3. Damp mop or autoscrub floor with Amano Pioneer Eclipse light cleaning red pad.
4. Burnish with recommended Amano Pioneer Eclipse burnisher and pad.

### DIRECTIONS FOR USE: DEEP SCRUB

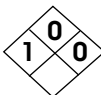
1. Dust mop floor with a mop treated with EnviroStar Green Dust Mop Treatment or with an untreated dust mop.
2. **Autoscrubber method:**  
Mix Eclipse Neutral Cleaner per the following dilution ratio:  
1:64 2 US oz per gallon water (80 ml per 5 liters water)  
Autoscrub using Amano Pioneer Eclipse deep scrub pad leaving the cleaning solution on the floor. Autoscrub again with deep scrub pad, this time vacuuming up the dirty solution. Rinse floor with clean cold water and allow to dry.
3. **Mop bucket method:**  
Mix Eclipse Neutral Cleaner per the following dilution ratio:  
1:64 2 US oz per gallon water (80 ml per 5 liters water)  
Fill a second mop bucket with clean, cold water. Apply cleaning solution using clean wet-mop. Rinse and wring out mop in clean water before returning to cleaning solution to prevent contamination. Change clean water bucket as it becomes soiled. Deep scrub the floor using an Amano Pioneer Eclipse low speed floor machine equipped with the appropriate deep scrubbing pad. Pick up dirty solution with wet vac. Rinse floor with clean cold water and allow to dry.
4. Recoat with recommended Amano Pioneer Eclipse floor coating per product label directions.

**ECLIPSE NEUTRAL ALL PURPOSE CLEANER**

**LAST REVISION DATE:** 12/5/07  
**MANUFACTURER:** Amano Pioneer Eclipse® Corp.  
 Sparta, NC 28675 Phone: 1-336-372-8080  
**FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire,  
 Exposure or Accident **CALL CHEMTREC - Day or  
 Night 1-800-424-9300** Toll Free in the  
 Continental US **483-7616** in DISTRICT OF  
 COLUMBIA. For calls originating outside the US:  
 Call Collect **1-202-483-7616** Washington, DC.

**SECTION I: GENERAL INFORMATION**

**PRODUCT NAME:** Eclipse® Neutral All  
 Purpose Cleaner  
**PRODUCT #:** 301D  
**PRODUCT TYPE:** All-purpose water-based cleaner  
**PRECAUTIONS:** Possible skin and eye irritant.  
 Keep container sealed when not in use. Keep out  
 of reach of children.  
**FLAMMABILITY:** 0  
**REACTIVITY:** 0  
**HEALTH:** 1  
**NFPA HAZARD RATINGS**  
 4-EXTREME 3-HIGH 2-MODERATE  
 1-SLIGHT 0-INSIGNIFICANT



**SECTION II: HAZARDOUS INGREDIENTS**

**INGREDIENT:** Anionic/Nonionic Surfactants  
**CAS#:** N/A  
**%:** 10-15  
**OSHA PEL:** N/A  
**ACGIH TLV:** N/A  
**LD<sub>50</sub> SPECIES & ROUTE:** N/A

N/E = Not Established, N/L = Not Listed  
 N/A = Not Applicable

**SECTION III: PHYSICAL/CHEMICAL DATA**

**APPEARANCE:** Pink viscous clear liquid  
**pH:** 9.25 ± 0.5  
**BOILING POINT:** 100°C / 212°F  
**EVAPORATION RATE:** Less than water  
**FREEZING POINT:** 0°C / 32°F  
**VAPOR DENSITY:** Greater than air  
**VOLATILE BY WEIGHT:** 86-88%  
**VAPOR PRESSURE:** N/E  
**DENSITY:** 8.6 lb per gal @ 68°F  
 1.03 kg per liter @ 20°C  
**SOLUBILITY IN WATER:** Miscible

**SECTION IV: FIRE AND EXPLOSION DATA**

**FLASH POINT:** Non-combustible  
**EXPLOSIVE LIMITS:**  
 LOWER: N/A UPPER: N/A  
**EXTINGUISHING MEDIA:** N/A  
**SPECIAL FIRE FIGHTING PROCEDURES:** None  
**HAZARDOUS COMBUSTIBLE PRODUCTS:** None  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
 Materials can splatter above 100°C / 212°F.

**SECTION V: REACTIVITY DATA**

**STABILITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**INCOMPATIBILITY (MATERIALS TO AVOID):**  
 None Known  
**HAZARDOUS DECOMPOSITION PRODUCTS:** N/A  
**REACTIVITY CONDITIONS:** None

**SECTION VI: HEALTH HAZARD DATA**

**EYES:** Slightly irritating to eyes. For eye contact,  
 flush with a large amount of water for at least 15  
 minutes. See a physician if irritation persists.  
**SKIN:** Slightly irritating to skin upon repeated or  
 prolonged contact. For skin contact, wash  
 affected areas with soap and water.  
**INHALATION:** Vapor or mist may cause  
 irritation of the eyes, nose, throat and lungs. For  
 overexposure, move subject to fresh air.  
**INGESTION:** May cause irritation to mouth,  
 esophagus and stomach. If ingested, drink  
 several glasses of water and do not induce  
 vomiting. Seek medical attention.  
**CHRONIC EFFECTS AND  
 MEDICAL CONDITIONS AG  
 GRAVATED BY OVEREXPOSURE:** Prolonged or  
 repeated contact can cause drying, defatting and  
 dermatitis to skin.  
**CARCINOGEN:** Non-carcinogenic  
**REPRODUCTIVE EFFECTS:** N/E  
**TERATOGENICITY:** N/E  
**MUTAGENICITY:** N/E  
**THRESHOLD LIMIT VALUE:** See Section II.

**SECTION VII: SPILL, LEAK & DISPOSAL PROCEDURES**

**SMALL SPILLS:** Absorb spill with inert material  
 (e.g. sand) and dispose of as waste  
 material in accordance with local, state and  
 federal regulations.  
**LARGE SPILLS:** Keep spectators away. Floors  
 may be slippery; use care to avoid falling. Dike  
 and contain spill with inert material (e.g. sand).  
 Transfer liquid to containers for recovery or  
 disposal and solid diking material to separate  
 containers for disposal. Keep spills and cleaning  
 runoff out of sewers and open bodies of water.  
**WASTE DISPOSAL:** Dispose of as waste  
 material in accordance with local, state,  
 and federal regulations.

**SECTION VIII: SPECIAL PROTECTION**

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**  
**EYES:** None required under normal conditions of  
 use. Safety glasses recommended.  
**SKIN:** If prolonged or repeated contact is  
 possible, chemical-resistant clothing (e.g.,  
 rubber gloves) is recommended.  
**RESPIRATORY:** No respiratory protection is  
 required if ventilation is adequate.

**ENGINEERING CONTROLS:** Good general room  
 ventilation is expected to be adequate. Local  
 exhaust ventilation (e.g., fans) may be necessary  
 when general ventilation does not keep airborne  
 concentrations below any exposure limits.

**SECTION IX: SPECIAL PRECAUTIONS**

**HANDLING AND STORAGE:**  
 Storage temperature (MAX. 60°C / 140°F)  
 (MIN. 1°C / 34°F)  
**OTHER PRECAUTIONS:** Avoid freezing. If frozen,  
 allow to return to room temperature slowly. Mix  
 thoroughly before using.

**SECTION X: ADDITIONAL INFORMATION**

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This MSDS has been provided to you in accordance  
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 (29CFR1910.1200).

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

