

## 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 or deep scrubbing to neutralize the floor surface
- Pleasant light, lemon fragrance



### RECOMMENDED FLOOR SURFACES

All washable surfaces; all resilient tile flooring, linoleum, terrazzo, marble and quarry tile and treated wood floors.

### PRODUCT DATA

Description:	All-purpose synthetic water-based cleaner
Appearance:	Pink viscous liquid
Fragrance:	Slight lemon
Viscosity (Brookfield):	200 ± 50 centipoise @ 68°F (20°C)
pH:	9.25 ± 0.25 ASTM E70-77
pH @ 1:64:	8.5 ± 0.25 ASTM E70-77
Flash Point:	None
Shelf Life:	2 years, ASTM D1791-93 (1998)
Density:	8.5 lb per gal @ 68°F 1.02 kg per liter @ 20°C
Freeze/Thaw:	Passes 3 cycles ASTM D3209-93 (1998)

### PRECAUTIONS

Keep out of reach of children. Keep container sealed when not in use. Avoid freezing. If frozen, allow to return to room temperature slowly and mix thoroughly before using.

### ORDERING INFORMATION

Product #301FS:	2 x 2.5 gallon per case (2 x 9.5 liters)
Product #301MP:	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 Eclipse® Dust Mop Treatment or with an untreated dust mop.
2. Mix Eclipse Neutral Cleaner in mop bucket or autoscrubber per the following dilution ratio:  
1:128 1 US oz per gal water (40 ml per 5 liters water)
3. Damp mop or autoscrub floor with Amano Pioneer Eclipse light cleaning pad.
4. Burnish with recommended Amano Pioneer Eclipse burnisher and pad.

### DIRECTIONS FOR USE: DEEP SCRUB MAINTENANCE

1. Dust mop floor with a mop treated with Eclipse Dust Mop Treatment or with an untreated dust mop.
2. **Autoscrubber method:**  
Mix Eclipse Neutral Cleaner in autoscrubber per the following dilution ratio:  
1:32 4 US oz per gal water (160 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 only this time vacuum up the dirty solution. Rinse floor with clean cold water and allow to dry.
3. **Mop Bucket method:**  
Mix Eclipse Neutral Cleaner in mop bucket per the following dilution ratio:  
1:32 4 US oz per gal water (160 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 of cleaning solution. 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.

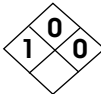
**NOTE:** Eclipse Neutral Cleaner is an effective all-purpose cleaner for any washable surface.

**ECLIPSE NEUTRAL ALL PURPOSE CLEANER**

**LAST REVISION DATE:** 11/26/07  
**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 #:** 301  
**PRODUCT TYPE:** All-purpose synthetic water-based cleaner  
**PRECAUTIONS:** Possible skin and eye irritant. Keep container sealed when not in use. Keep out of reach of children.  
**HEALTH:** 1  
**FLAMMABILITY:** 0  
**REACTIVITY:** 0  
**NFPA HAZARD RATINGS**  
 4-EXTREME 3-HIGH 2-MODERATE  
 1-SLIGHT 0-INSIGNIFICANT



**SECTION II: HAZARDOUS INGREDIENTS**

**INGREDIENT:** Anionic/nonionic surfactants  
**CAS #:** N/A  
**%:** 5-10 %  
**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 liquid  
**PHYSICAL STATE:** Liquid  
**pH:** 9.25 ± 0.25  
**BOILING POINT:** 100°C / 212°F  
**EVAPORATION RATE:** Less than water  
**FREEZING POINT:** 0°C / 32°F  
**VAPOR DENSITY:** Less than air  
**VOLATILE BY WEIGHT:** 92-94%  
**VAPOR PRESSURE:** Less than water  
**DENSITY:** 8.5 lb per gal @ 68°F  
 1.02 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):**  
 Strong acids and bases  
**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 AGGRAVATED 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, earth) 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, earth). 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:** Keep from freezing; product may coagulate.

**SECTION X: ADDITIONAL INFORMATION**

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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\*\*

