

## ENVIROSTAR GREEN® ALL PURPOSE CLEANER

### ADVANCED FORMULATION CONTAINING

- NO phosphates
- NO 2-butoxyethanol (butyl)
- NO VOC's
- NO alkyl phenol ethoxylate surfactants
- NO added fragrances

### FEATURES

- Easy-to-use cleaner formulated for daily use
- Low and fast breaking foam
- Neutral pH
- Concentrated for economical use



Recognized for Safer Chemistry  
[www.epa.gov/dfc](http://www.epa.gov/dfc)



### RECOMMENDED SURFACES

All resilient tile floors and most types of terrazzo, marble, concrete, and quarry tile, and sealed wood floors.

### PRODUCT DATA

Description:	Low foaming all purpose cleaner
Appearance:	Clear colorless liquid
Fragrance:	None added
Viscosity (Brookfield):	<10 centipoise @ 68°F (20°C)
pH (undiluted):	7.00 ± 0.5 ASTM E70-97
pH (diluted 1:256):	7.26 ± 0.5 ASTM E70-97
pH (diluted 1:512):	7.15 ± 0.5 ASTM E70-97
pH (diluted 1:1024):	7.13 ± 0.5 ASTM E70-97
Density:	8.4 lb per gal @ 68°F 1.00 kg per liter @ 20°C
Freeze/Thaw:	Passes 3 cycles ASTM D3209-93 (1998)
Shelf Life:	2 years, ASTM D1791-93 (1998)

### PRECAUTIONS

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

### ORDERING INFORMATION

Product #330DD: 3 x 64 US oz per case (3 x 1.9 liters)

### DIRECTIONS FOR USE: ROUTINE MAINTENANCE

1. Dust mop floor with mop treated with EnviroStar Green Dust Mop Treatment or with an untreated mop.
2. Mix EnviroStar Green All Purpose Cleaner in mop bucket or automatic scrubber per the following dilution ratios:

#### Light Cleaning

1:1024 0.125 US oz. per gal of cold water (5 ml. per 5 liters of water)

#### Medium Cleaning

1:512 0.25 US oz. per gal of cold water (10 ml. per 5 liters of water)

#### Heavy Cleaning

1:256 0.5 US oz. per gal of cold water (20 ml. per 5 liters of water)

3. Damp mop or scrub floor with Amano Pioneer Eclipse light cleaning pad.

### DIRECTIONS FOR USE: DEEP SCRUB MAINTENANCE

1. Dust mop floor with mop treated with EnviroStar Green Dust Mop Treatment or with an untreated mop.
2. Mix EnviroStar Green All Purpose Cleaner in mop bucket or automatic scrubber per the "Heavy Cleaning" dilution above.
3. Wet mop or scrub with an Amano Pioneer Eclipse deep scrub pad. Rinse floor with clean cold water and allow to dry.
4. Recoat with EnviroStar Green Floor Coating.

**NOTE:** EnviroStar Green All Purpose Cleaner is an effective all-purpose neutral pH cleaner for any washable surface.

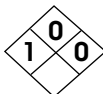
**ENVIROSTAR GREEN ALL PURPOSE CLEANER**

**LAST REVISION DATE:** 07/29/10  
**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:** EnviroStar Green® All Purpose  
 Cleaner  
**PRODUCT #:** 330DD  
**PRODUCT TYPE:** Low foaming all purpose 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: INGREDIENTS**

**INGREDIENT:** Water  
**CAS#:** 7732-18-5  
**%:** 60  
**OSHA PEL:** N/E  
**ACGIH TLV:** N/E  
**LD<sub>50</sub> SPECIES & ROUTE:** N/E  
**INGREDIENT:** Biodegradable Nonionic Surfactant

**CAS#:** 68439-46-3  
**%:** 40  
**OSHA PEL:** N/E  
**ACGIH TLV:** N/E  
**LD<sub>50</sub> SPECIES & ROUTE:** 0.004 g/kg rat, oral

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

**SECTION III: PHYSICAL/CHEMICAL DATA**

**APPEARANCE:** Clear colorless liquid  
**pH:** 7.00 ± 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:** 60%  
**VAPOR PRESSURE (mm Hg):** N/E  
**DENSITY:** 8.4 lb per gal @ 68°F  
 1.00 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:**  
 None

**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  
 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:** 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  
 with the OSHA HAZARD COMMUNICATION STANDARD  
 (29CFR1910.1200).

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

