

ENVIROSTAR GREEN® FLOOR MAINTAINER

ADVANCED FORMULATION CONTAINING

- NO phosphates
- NO 2-butoxyethanol (butyl)
- NO VOC's
- NO alkyl phenol ethoxylate surfactants
- NO environmentally toxic preservatives
- NO added fragrances or dyes

FEATURES

- Autoscrubber or mop-on application
- Cleaner and maintainer in one
- Concentrated for economical use
- Classified by UL as to slip resistance only



Recognized for Safer Chemistry
www.epa.gov/dfe

RECOMMENDED FLOOR SURFACES

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

PRODUCT DATA

Description:	Water based floor coating maintainer
Appearance:	Clear colorless liquid
Fragrance:	None added
Slip Resistance:	Meets ASTM D2047-99 requirements. Classified by UL as to slip resistance only.
Viscosity (Brookfield):	<10 Centipoise @ 68°F (20°C)
pH (undiluted):	9.2 ± 0.5, ASTM E70-97
pH (1:32):	8.4 ± 0.5, ASTM E70-97
pH (1:64):	8.0 ± 0.5, ASTM E70-97
Drying Time:	Approximately 15 minutes (diluted)
Density:	8.5 lb per gal @ 68°F 1.02 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. Mix thoroughly before using.

ORDERING INFORMATION

Product #213FS:	2 x 2.50 gallon per case (2 x 9.5 liter)
Product #213MP:	4 x 1.06 gallon per case (4 x 4 liter)

DIRECTIONS FOR USE: AUTOSCRUBBER APPLICATION

1. Sweep floor with an untreated dust mop to remove loose dirt.
2. Dilute EnviroStar Green Floor Maintainer in autoscrubber per the following dilution ratio:
1:32 4 US oz per gal water (160 ml per 5 liters water)
3. Using a red light cleaning pad, scrub and pick up the solution in one pass.
4. Allow floor to dry thoroughly.
5. Burnish with recommended Amano Pioneer Eclipse burnisher and pad.

DIRECTIONS FOR USE: MOP ON APPLICATION

1. Sweep floor with an untreated dust mop to remove loose dirt.
2. Dilute EnviroStar Green Floor Maintainer in mop bucket per the following dilution ratio:
1:64 2 US oz per gal water (80 ml per 5 liters water)
3. Damp mop floor.
4. Allow floor to dry thoroughly.
5. Burnish with recommended Amano Pioneer Eclipse burnisher and pad.

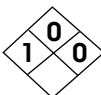
ENVIROSTAR GREEN FLOOR MAINTAINER

LAST REVISION DATE: 11/14/07
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: EnviroStar Green® Floor
 Maintainer
PRODUCT #: 213
PRODUCT TYPE: Water based floor coating
 maintainer
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: INGREDIENTS

INGREDIENT: Water
CAS#: 7732-18-5
%: 87-89
OSHA PEL: N/E
ACGIH TLV: N/E
LD₅₀ SPECIES & ROUTE: N/E

INGREDIENT: Polyoxyethylene
CAS#: 25322-68-3
%: 5-10
OSHA PEL: N/E
ACGIH TLV: N/E
LD₅₀ SPECIES & ROUTE: 730 g/kg rat, oral

INGREDIENT: Biodegradable Non-ionic Surfactant
CAS#: 68439-46-3
%: 3-5
OSHA PEL: N/E
ACGIH TLV: N/E
LD₅₀ SPECIES & ROUTE: 1.4 mg/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: 9.2 ± 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: 87-89%
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: Slight irritant. Hold eye open and flush
 with water for 15 minutes. See physician if
 irritation persists.
SKIN: Irritating upon repeated or prolonged
 contact. Wash with soap and water.
INHALATION: May cause headache, nausea and
 irritation of eyes, nose, throat and lungs. Move
 to fresh air.
INGESTION: Irritating to mouth, esophagus and
 stomach. Drink several glasses of water and
 induce vomiting. Seek medical attention.

SECTION VII: SPILL, LEAK & DISPOSAL PROCEDURES

SMALL SPILLS: Absorb spill with inert material
 (e.g. sand, earth).
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

Neither this data sheet nor any statement
 contained herein grants or extends any license,
 expressed or implied, in connection with patents
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 the manufacturer or others. The information in
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 completeness, adequacy or furnishing of
 such information.

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

