

ENVIROSTAR GREEN™ FLOOR STRIPPER

ADVANCED FORMULATION CONTAINING

- ★ NO VOC's that exceed established regulatory limits
- ★ NO ethylene glycol based solvents
- ★ NO 2-butoxyethanol (butyl)
- ★ NO alkyl phenol ethoxylate surfactants
- ★ NO environmentally toxic preservatives

FEATURES

- ★ Less contact time needed to penetrate
- ★ Low foaming
- ★ No harsh odors
- ★ Non-corrosive



Pioneer Eclipse EnviroStar Green Products have been formulated in Partnership with the US Environmental Protection Agency's Design for the Environment Program.



This product meets Green Seal's standard for industrial and institutional floor-care products based on its reduced human and aquatic toxicity and reduced smog production potential.

RECOMMENDED FLOOR SURFACES

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

PRODUCT DATA

Description:	Non-corrosive stripper
Appearance:	Clear colorless liquid
Fragrance:	None Added
Viscosity (Brookfield):	<10 centipoise @ 68°F (20°C)
pH (undiluted):	10.5 ± 0.5 ASTM E70-97
Density:	8.9 lb per gal @ 68°F 1.06 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 #513FS:	2 x 2.50 gallon per case (2 x 9.5 liter)
Product #513MP:	4 x 1.06 gallon per case (4 x 4 liter)

DIRECTIONS FOR USE:

1. Mix EnviroStar Green Floor Stripper in mop bucket or autoscrubber according to the following dilution ratio:
1:4 32 US oz per gallon of cold tap water
(1.25 liters per 5 liters of cold tap water)
2. Apply solution liberally to the floor and allow to soak for 15 minutes. Do not allow solution to dry on floor.
3. Scrub floor with recommended Pioneer Eclipse autoscrubber or stripping machine with Pioneer Eclipse pads or brushes.
4. Pick up dirty solution with autoscrubber or wet vac.
5. Use a clean mop or autoscrubber to rinse the floor twice with EnviroStar Green® All Purpose Cleaner following label directions.
6. Rinse floor again with clean cold water. Allow to dry thoroughly before applying sealer or coating.

NOTE: EnviroStar Green Floor Stripper is formulated to work only with EnviroStar Green floor coatings and sealers.

Pioneer Eclipse®

ENVIROSTAR GREEN FLOOR STRIPPER

LAST REVISION DATE: 02/21/06
MANUFACTURER: Pioneer Eclipse® Corporation
 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 Stripper
PRODUCT #: 513
PRODUCT TYPE: Non corrosive stripper
PRECAUTIONS: Possible skin and eye irritant.
 Keep container sealed when not in use. Keep out
 of reach of children.

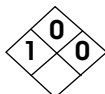
FLAMMABILITY: 0

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
%: 50-60
OSHA PEL: N/E
ACGIH TLV: N/E
LD₅₀ SPECIES & ROUTE: N/E

INGREDIENT: Anionic Hydrotrope
CAS#: 1300-72-7
%: 10-15
OSHA PEL: N/E
ACGIH TLV: N/E
LD₅₀ SPECIES & ROUTE: 650 mg/kg rat, oral

INGREDIENT: Dipropylene glycol butyl ether
CAS#: 29911-28-2
%: 15-20
OSHA PEL: N/E
ACGIH TLV: N/E
LD₅₀ SPECIES & ROUTE: 3.70 g/kg rat, oral

INGREDIENT: Potassium Citrate
CAS#: 866-84-2
%: 2-5
OSHA PEL: N/E
ACGIH TLV: N/E
LD₅₀ SPECIES & ROUTE: N/E

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

SECTION III: PHYSICAL/CHEMICAL DATA

APPEARANCE: Clear colorless liquid
pH: 10.5 ± 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: 84-86%
VAPOR PRESSURE: Less than water
DENSITY: 8.9 lb per gal @ 68°F
 1.06 kg per liter @ 20°C
SOLUBILITY IN WATER: Miscible

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: >200°F, TCC (93°C)
EXPLOSIVE LIMITS:
 LOWER: N/E UPPER: N/E
EXTINGUISHING MEDIA: Water spray, CO₂, dry
 chemical, alcohol-type or universal type
SPECIAL FIRE FIGHTING PROCEDURES: Do not
 spray a solid stream of water or foam directly
 into hot liquid. This may cause frothing.
 Firefighters should wear NIOSH approved
 breathing apparatus.
HAZARDOUS COMBUSTIBLE PRODUCTS: N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

SECTION V: REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITY (MATERIALS TO AVOID):
 Strong acids and bases
HAZARDOUS DECOMPOSITION PRODUCTS: None
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, rinse with
 a large amount of water.
INHALATION: Spray mist can cause irritation of
 the eyes, nose, throat and lungs. For
 overexposure, move subject to fresh air.
INGESTION: Irritation to mouth, esophagus
 and stomach. If ingested, give two glasses of
 water or milk and do not induce vomiting.
 Remove by endotracheal intervention. Seek
 medical attention immediately.
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: 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,
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 any direct, special or consequential damages
 arising out of or in connection with the accuracy,
 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

Pioneer Eclipse®