

ENVIROSTAR GREEN®

Extraction Rinse

Concentrated neutralizer that brightens appearance and retards re-soiling after cleaning

FEATURES

- *Green formulation protects environment*
- *Neutralizes alkaline residue left behind by cleaning*
- *Compatible with most carpet types*



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

RECOMMENDED SURFACES

Most commercial carpets

PRODUCT DATA

Description:	Carpet Extraction Rinse
Appearance:	Clear, colorless
Fragrance:	None added
Viscosity (Brookfield):	<10 centipoise @ 68°F (20°C)
pH (undiluted):	2.2 ± 0.5 ASTM E70-97
Density:	8.7 lb per gal @ 68°F 1.05 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 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 #838MP: 4 x 1.06 gallon per case (4 x 4 liter)

DIRECTIONS FOR USE:

1. Apply EnviroStar Green Extractor & Prespray Cleaner according to label directions.
2. **For synthetic carpets:**
Mix EnviroStar Green Extraction Rinse in an extractor per the following dilution ratio:
1:128 1 US oz per gal cold water (40 ml per 5 liters water)
For woolen carpets:
Mix EnviroStar Green Extraction Rinse in an extractor per the following dilution ratio:
1:640 0.2 US oz per gal cold water (8 ml per 5 liters water)
3. Thoroughly extract carpet.
4. Groom carpet with clean carpet rake or stiff synthetic broom and allow to dry.

NOTE: Test for colorfastness in an inconspicuous area before use.

Pioneer Eclipse®

ENVIROSTAR GREEN EXTRACTION RINSE

LAST REVISION DATE: 03/21/06

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
Extraction Rinse

PRODUCT #: 838

PRODUCT TYPE: Waterbased Carpet Extraction Rinse

PRECAUTIONS: Possible skin and eye irritant. Keep container sealed when not in use. Keep out of reach of children.

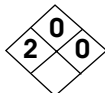
HEALTH: 2

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

%: 70-85

OSHA PEL: N/A

ACGIH TLV: N/A

LD₅₀ SPECIES & ROUTE: N/A

INGREDIENT: Citric Acid

CAS#: 77-92-9

%: 10-15

OSHA PEL: N/E

ACGIH TLV: N/E

LD₅₀ SPECIES & ROUTE: 11,700 mg/kg rat, oral

INGREDIENT: Biodegradable Anionic Surfactant

CAS#: 5324-84-5

%: 5-10

OSHA PEL: N/E

ACGIH TLV: N/E

LD₅₀ SPECIES & ROUTE: >5,000 mg/kg rat, oral

SECTION III: PHYSICAL/CHEMICAL DATA

APPEARANCE: Clear, colorless

PHYSICAL STATE: Liquid

pH: 2.2 ± 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: 89 ± 0.5 %

VAPOR PRESSURE: Less than water

DENSITY: 8.7 lb per gal @ 68°F

1.05 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: 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: 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

Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issued or pending which may be the property of the manufacturer or others. The information in this data sheet has been assembled by the manufacturer based on its own studies and the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) or the vendee, the vendee's employees or anyone for 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®