

## ENVIROSTAR GREEN® NON-ACID WASHROOM CLEANER

*Powerful, ultra-high performance, non-acid formula cleaner for all washable surfaces.*

### ADVANCED FORMULATION CONTAINING

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

### FEATURES

- Pleasant fresh, clean floral fragrance
- Effective on urinals, toilets, sinks, tile, and floors
- Concentrated for economical use



### RECOMMENDED SURFACES

All washable surfaces

### PRODUCT DATA

Description:	Washroom Cleaner
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:	8.7 lb per gal @ 68°F 1.04 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 #334MP: 4 x 1.06 gallon per case (4 x 4 liters)

### DIRECTIONS FOR USE:

#### DILUTION

Mix with water according to the following dilution ratio:  
1:16 8 US oz per gal of cold water (313 ml per 5 liters of cold water)

#### GENERAL CLEANING:

1. Apply to surface. Wipe with a clean cloth or sponge.

#### TOILETS:

1. If severely stained, remove as much water as possible.
2. Pour generously into bowl and on to swab.
3. Thoroughly clean all interior surfaces of the bowl including under the rim.
4. Rinse thoroughly and flush.

#### URINALS:

1. Wet swab and apply cleaner liberally to the inside of the urinal, concentrating under flush rim.
2. Rinse thoroughly and flush

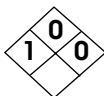
# ENVIROSTAR GREEN NON-ACID WASHROOM CLEANER

**LAST REVISION DATE:** 02/24/06  
**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 Non-Acid  
 Washroom Cleaner  
**PRODUCT #:** 334  
**DESCRIPTION:** Washroom 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  
**%:** 65-70  
**OSHA PEL:** N/E  
**ACGIH TLV:** N/E  
**LD<sub>50</sub> SPECIES & ROUTE:** N/E

**INGREDIENT:** Sodium Iminodisuccinate  
**CAS#:** 144538-83-0  
**%:** 5-10  
**OSHA PEL:** N/E  
**ACGIH TLV:** N/E  
**LD<sub>50</sub> SPECIES & ROUTE:** N/E

**INGREDIENT:** Lauramine Oxide  
**CAS#:** 1643-20-5  
**%:** 5-10  
**OSHA PEL:** N/E  
**ACGIH TLV:** N/E  
**LD<sub>50</sub> SPECIES & ROUTE:** 1.43 g/kg rat, oral

## 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:** 78-81%  
**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, CO<sub>2</sub>, 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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 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\*\*

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

Pioneer Eclipse®

LTPD334MP-02/06