

ENVIROSTAR GREEN® DUST MOP TREATMENT

An environmentally preferred dust mop treatment which effectively removes dust and light dirt accumulations

FEATURES

- *Water-based formula leaves no residue or oily film*
- *Helps prevent germ-filled dust from scattering*
- *Completely removed during laundering*
- *Green formulation protects environment*
- *Safe for any hard surface with dust accumulation*



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



RECOMMENDED SURFACES

Floors, furniture, and most hard surfaces with dust accumulation

PRODUCT DATA

Description:	Water-based dust mop treatment
Appearance:	Clear liquid
Fragrance:	None added
Viscosity (Brookfield):	< 10 centipoise @ 68°F (20°C)
pH (undiluted):	8.0 ± 0.5 ASTM E70-97
Density:	8.4 lb @ 68°F 1.02 kg per liter @ 20°C
Flash Point:	Non-combustible
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 #214MP: 4 x 1.06 gallon per case (4 x 4 liter)

DIRECTIONS FOR USE

1. EnviroStar Green Dust Mop Treatment must be diluted at:
 - 1:8 16 US oz per gallon cold water
 - 1:8 4 US oz per quart cold water
 - 1:8 125 ml per liter cold water
2. Adjust spray bottle nozzle to "fine mist" before application.
3. Holding spray bottle about one foot (30 cm) from surface, apply even layer to dust mop. Avoid soaking.
4. Reapply as necessary.
5. Periodically clean dust mop.

Pioneer Eclipse®

ENVIROSTAR GREEN DUST MOP TREATMENT

LAST REVISION DATE: 02/22/06
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® Dust
 Mop Treatment
PRODUCT #: 214
PRODUCT TYPE: Treatment for prevention
 of dust scattering
PRECAUTIONS: Possible skin and eye irritant.
 Keep container sealed when not in use. Keep out
 of reach of children.

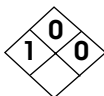
HEALTH: 1

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
%: 67-74
OSHA PEL: N/A
ACGIH TLV: N/A
LD₅₀ SPECIES & ROUTE: N/A non-hazardous

INGREDIENT: Propylene Glycol
CAS#: 57-55-6
%: 25-30
OSHA PEL: N/E
ACGIH TLV: N/E
LD₅₀ SPECIES & ROUTE: 22,000 mg/kg rat, oral

INGREDIENT: Biodegradable Nonionic
 Surfactant Mixture
CAS#: 68439-46-3
%: 1-3
OSHA PEL: N/E
ACGIH TLV: N/E
LD₅₀ SPECIES & ROUTE: >2,000 mg/kg rat, oral

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

N/A = Not Applicable

SECTION III: PHYSICAL/CHEMICAL DATA

APPEARANCE: Clear liquid
pH: 8.0 ± 0.5
BOILING POINT: 100°C / 212°F
EVAPORATION RATE: Less than water
FREEZING POINT: -2°C / 29°F
VAPOR DENSITY: More than air
VOLATILE BY WEIGHT: 70-75%
VAPOR PRESSURE: Less than water
DENSITY: 8.4 lb per gal @ 68°F
 1.02 kg per liter @ 20°C
SOLUBILITY IN WATER: Miscible in all proportions

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: Non-combustible
EXPLOSIVE LIMITS:
 LOWER: N/E UPPER: N/E
EXTINGUISHING MEDIA: Water spray, CO₂,
 alcohol-type or universal-type foams
SPECIAL FIRE FIGHTING PROCEDURES: None
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 oxidizing agents may
 produce carbon monoxide, carbon
 dioxide, and nitrogen oxides.
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: Irritating to skin upon repeated or
 prolonged contact. For skin contact, wash
 affected areas with soap and water.
INHALATION: Vapor or mist can cause minor
 irritation of the eyes, nose, throat, and lungs.
 For overexposure, move subject to fresh air.
INGESTION: Single dose toxicity is low. 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 kidney or
 liver damage.
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 or flush with large amounts of water.
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 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
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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

Pioneer Eclipse®