

ECLIPSE® DUST MOP TREATMENT

A ready-to-use 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*
- *Pleasant scent*
- *Safe for any hard surface with dust accumulation*



RECOMMENDED SURFACES

Floors, furniture, and most hard surfaces with dust accumulation

PRODUCT DATA

Description:	Water-based dust mop treatment
Appearance:	Clear, green liquid
Fragrance:	Pleasant
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:	>175°F (79°C), ASTM D56
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 #210MP: 4 x 1.06 gallon per case (4 x 4 liter)

DIRECTIONS FOR USE

1. Eclipse Dust Mop Treatment can be used undiluted or can be diluted per the following:
1:2 64 US oz per gallon of water (2.5 liters per 5 liters of water)
2. Pour Eclipse Dust Mop Treatment into a spray bottle.
3. Adjust spray bottle nozzle to "fine mist" before application.
4. Holding spray bottle about one foot (30 cm) from surface, apply even layer to dust mop. Avoid soaking.
5. Reapply as necessary.
6. Periodically clean dust mop.

Pioneer Eclipse®

ECLIPSE DUST MOP TREATMENT

LAST REVISION DATE: 09/01/04
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: Eclipse Dust Mop Treatment
PRODUCT #: 210
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: 2
FLAMMABILITY: 1
REACTIVITY: 0
NFPA HAZARD RATINGS

4-EXTREME 3-HIGH 2-MODERATE
 1-SLIGHT 0-INSIGNIFICANT

**SECTION IV: FIRE AND EXPLOSION DATA**

FLASH POINT: > 175°F (79°C), ASTM Method D56
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 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 II: HAZARDOUS INGREDIENTS

INGREDIENT: *Ethylene glycol
CAS#: 107-21-1
%: 20-30
OSHA PEL: 50 ppm (Ceil)
ACGIH TLV: 50 ppm (Ceil)
LD 50 SPECIES & ROUTE: 4.7 g/kg rat, oral

* This chemical is subject to the reporting requirements of Section 313 of SARA Title III.

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

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 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).

SECTION III: PHYSICAL/CHEMICAL DATA

APPEARANCE: Clear green 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 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.

***IMPORTANT SAFETY INFORMATION
 DO NOT DISCARD***

PLEASE ROUTE TO COMPANY SAFETY OFFICER

Pioneer Eclipse

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