

PRODUCT DATA

ECLIPSE® NEUTRAL CLEANER

Low pH, all-purpose daily floor cleaner removes dirt and soil without harming the shine. May be used on all washable surfaces.

FEATURES

- Concentrated for economical use
- Low foaming – easily applied with mop, sponge or autoscrubber
- Effective cleaner for deep scrubbing
- Excellent cleaner for use after stripping and scrubbing to neutralize the floor surface
- Pleasant light, lemon fragrance



RECOMMENDED FLOOR SURFACES

All resilient tile flooring, linoleum, terrazzo, marble and quarry tile and treated wood floors.

PRODUCT DATA

Description:	All-purpose synthetic water-based cleaner
Appearance:	Pink viscous liquid
Fragrance:	Slight lemon
Viscosity (Brookfield):	200 ± 50 centipoise @ 68°F (20°C)
pH:	9.0 ± 0.25 ASTM E70-77
pH @ 1:64:	8.5 ± 0.25 ASTM E70-77
Flash Point:	None
Shelf Life:	2 years, ASTM D1791-93 (1998)
Density:	8.5 lb per gal @ 68°F 1.02 kg per liter @ 20°C
Freeze/Thaw:	Passes 3 cycles ASTM D3209-93 (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 #301:	2 x 2.64 gallon per case (2 x 10 liter)
Product #301MP:	4 x 1.06 gallon per case (4 x 4 liter)

DIRECTIONS FOR USE: ROUTINE MAINTENANCE

1. Sweep floor using a mop treated with Eclipse Dust Mop Treatment or with an untreated dust mop daily.
2. Mix Eclipse Neutral Cleaner in mop bucket or autoscrubber per the following dilution ratios:

Light Cleaning

1:128 1 US oz per gallon water (40 ml per 5 liters water)

Medium Cleaning

1:64 2 US oz per gallon water (80 ml per 5 liters water)

Heavy Cleaning

1:32 4 US oz per gallon water (160 ml per 5 liters water)

3. Damp mop or autoscrub floor with a Pioneer Eclipse light cleaning pad.

DIRECTIONS FOR USE: DEEP SCRUB MAINTENANCE

1. Sweep floor using a mop treated with Eclipse Dust Mop Treatment or with an untreated dust mop.
2. Mix Eclipse Neutral Cleaner in mop bucket or autoscrubber per the "Heavy Cleaning" dilution ratio.
3. Autoscrub with a Pioneer Eclipse deep scrub pad. Rinse floor with clean cold water and allow to dry thoroughly.
4. Recoat floor with recommended Pioneer Eclipse floor coating following coating label directions.

NOTE: Eclipse Neutral Cleaner is an effective all-purpose cleaner for any washable surface.

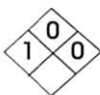
Pioneer Eclipse®

ECLIPSE NEUTRAL CLEANER

LAST REVISION DATE: 08/08/03
 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 Neutral Cleaner
PRODUCT #: 301
PRODUCT TYPE: All-purpose water-based cleaner
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: HAZARDOUS INGREDIENTS

INGREDIENT: Anionic/nonionic surfactants
CAS #: N/A
%: 5-10 %
OSHA PEL: N/A
ACGIH TLV: N/A
LD 50 SPECIES & ROUTE: N/A

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

SECTION III: PHYSICAL/CHEMICAL DATA

APPEARANCE: Pink viscous liquid
PHYSICAL STATE: Liquid
pH: 9.0 ± 0.25
BOILING POINT: 100°C / 212°F
EVAPORATION RATE: Less than water
FREEZING POINT: 0°C / 32°F
VAPOR DENSITY: Less than air
VOLATILE BY WEIGHT: 92-94%
VAPOR PRESSURE: Less than water
DENSITY: 8.5 lb per gal @ 68°F
 1.02 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: 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, 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,
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 the manufacturer or others. The information in
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 any direct, special or consequential damages
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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®