

# ENVIROSTAR 2000® CLEANER

LAST REVISION DATE: 10/09/01

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 2000 Cleaner

PRODUCT #: 302

PRODUCT CLASS: All-purpose aqueous  
based cleaner

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

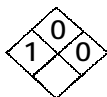
FLAMMABILITY: 0

REACTIVITY: 0

HEALTH: 1

### NFPA HAZARD RATINGS

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



## SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT: Dipropylene glycol methylether

CAS#: 34590-94-8

%: 5-10

OSHA PEL: 100 ppm (TWA)

ACGIH TLV: 100 ppm (TWA)

LD 50 SPECIES & ROUTE: 5.4 g/kg rat, oral  
>20 g/kg rabbit, skin

## SECTION III: PHYSICAL/CHEMICAL DATA

PHYSICAL STATE: Liquid

pH: 9.6 ± 0.5

BOILING POINT: 100° C / 212° F

EVAPORATION RATE: Less than 1 (Water = 1)

FREEZING POINT: 0° C / 32° F

VAPOR DENSITY: Less than 1 (Air = 1)

% VOLATILE BY WEIGHT: 92-94%

VAPOR PRESSURE (mm Hg): N/E

APPEARANCE: Yellow clear liquid

WEIGHT PER GALLON: 8.5 lb @ 68° F

DENSITY: 1.020 @ 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: Irritating to skin upon repeated or  
prolonged contact. For skin contact, wash  
affected areas with soap and water.

INHALATION: Vapor or mist can cause headache,  
nausea and irritation of the eyes, nose, throat  
and lungs. For overexposure, move subject  
to fresh air.

INGESTION: Irritation to mouth, esophagus  
and stomach. If ingested, drink several  
glasses of water and 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: Landfill or incinerate the  
contaminated solids and diking material  
according to local, state and federal regulations  
concerning disposal of hazardous materials.  
Non-salvageable liquid should be drummed and  
turned over to a licensed hazardous waste  
disposal facility.

## SECTION VIII: SPECIAL PROTECTION

EYE PROTECTION: Chemical splash goggles  
(ANSI Z87.1-1989 or approved equivalent)

RESPIRATORY PROTECTION: None required when  
permissible airborne concentrations are not  
exceeded. In emergency, use approved positive  
pressure self-contained breathing device.

VENTILATION: Mechanical local exhaust  
ventilation at point of contamination release

OTHER PROTECTIVE EQUIPMENT: As required  
by employer code.

## 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

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(29CFR1910.1200).

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DO NOT DISCARD\*\*\*  
\*\*PLEASE ROUTE TO COMPANY SAFETY OFFICER\*\*

Pioneer Eclipse