

## ENVIROSTAR 2000® REMOVER

LAST REVISION DATE: 10/15/01

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 Remover  
PRODUCT #: 501  
PRODUCT CLASS: Coating remover  
PRECAUTIONS: Possible skin and eye irritant.  
Keep container sealed when not in use. Keep out  
of reach of children.  
FLAMMABILITY: 2  
REACTIVITY: 0  
HEALTH: 1

## NFPA HAZARD RATINGS

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



## SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT: Monoethanolamine  
CAS#: 141-43-5  
%: 5-10  
OSHA PEL: 8 mg/m<sup>3</sup> (TWA) 6 ppm (STEL)  
ACGIH TLV: 3 ppm (TWA) 6 ppm (STEL)  
LD 50 SPECIES & ROUTE: 1.7 g/kg rat, oral  
1.0 g/kg rabbit, skin

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

## SECTION III: PHYSICAL/CHEMICAL DATA

PHYSICAL STATE: Liquid  
pH: 11.7 ± 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: 95-97%  
VAPOR PRESSURE (mm Hg): N/E  
APPEARANCE: Green clear liquid  
WEIGHT PER GALLON: 8.4 lb @ 68° F  
DENSITY: 1.020 @ 20° C  
SOLUBILITY IN WATER: Miscible

## SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: 180° F, 82° C ASTM method D56  
EXPLOSIVE LIMITS:  
LOWER: N/E UPPER: N/E  
EXTINGUISHING MEDIA: Water spray, CO<sub>2</sub>, dry  
chemical, alcohol-type or universal type foams  
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 oxidizing agents may produce  
carbon monoxide, carbon dioxide and nitrogen  
oxides.  
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: 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. Seek medical attention if symptoms persist.  
INGESTION: 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 &amp; DISPOSAL PROCEDURES

SMALL SPILLS: Absorb spill with inert material  
(e.g. sand, earth) and dispose of as waste  
material. Neutralize residue with vinegar, mild  
acid or large amount 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: 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. Rubber boots and chemical  
resistant gloves recommended.

## 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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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