



## Recycling Extraction Cleaner

*In-tank cleaner and pre-spray for synthetic carpets & upholstery*

### FEATURES

- Specially for use in recycling extractors
- Cuts dumping and refilling downtime
- Chemical cost savings
- Excellent hard water tolerance



### RECOMMENDED SURFACES

Most synthetic carpets and upholstery

### PRODUCT DATA

Description:	Recirculating extraction cleaner
Appearance:	Clear
Fragrance:	Citrus
Viscosity (Brookfield):	<10 centipoise @ 68°F (20°C)
pH (undiluted):	9.5 ± 0.5 ASTM E70-97
Density:	9.0 lb per gal @ 68°F 1.08 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 #841MP: 4 x 1.06 gallon per case (4 x 4 liter)

### DIRECTIONS FOR USE:

#### PRE-SPRAY TRAFFIC LANES AND OBVIOUS SOIL:

1. Mix Eclipse Carpet Recirculating Extraction Cleaner in a pump-up sprayer or spray bottle per the following dilution ratio:

##### Light & Medium Soil:

1:12 10 US oz per gal water (80 ml per liter water)

##### Heavy Soil & Traffic Lanes:

1:6 20 US oz per gal water (160 ml per liter water)

2. Allow to work 5-10 minutes before machine cleaning.

### USE SOLUTION IN TANK:

1. Mix Eclipse Carpet Recirculating Extraction Cleaner in carpet recycling extraction equipment per the following dilution ratio:

##### When a pre-spray is being used:

1:128 1 US oz per gal warm water (40 ml per 5 liter water)

##### When a pre-spray has NOT been used:

1:64 2 US oz per gal warm water (80 ml per 5 liter water)

**NOTE:** Test for colorfastness in an inconspicuous area before use.

**NOTE:** Eclipse Carpet Recirculating Extraction Cleaner has been specifically designed to enhance the performance of BrightStar recycling extractors. Use of any other chemical products in the recycling extractors may result in soil redeposition on cleaned surfaces and may damage the extractors.

*Pioneer Eclipse®*

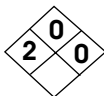
# ECLIPSE CARPET RECIRCULATING EXTRACTION CLEANER

**LAST REVISION DATE:** 03/21/06  
**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:** Eclipse® Carpet Recirculating  
 Extraction Cleaner  
**PRODUCT #:** 841  
**PRODUCT TYPE:** In-tank cleaner & pre-spray  
**PRECAUTIONS:** Possible skin and eye irritant.  
 Keep container sealed when not in use. Keep out  
 of reach of children.  
**HEALTH:** 2  
**FLAMMABILITY:** 0  
**REACTIVITY:** 0  
**NFPA HAZARD RATINGS**

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



## SECTION II: HAZARDOUS INGREDIENTS

**INGREDIENT:** Sodium Sesquicarbonate  
**CAS #:** 533-96-03  
**%:** <10  
**OSHA PEL:** N/A  
**ACGIH TLV:** N/A  
**LD<sub>50</sub> SPECIES & ROUTE:** >2,000 mg/kg rat, oral

**INGREDIENT:** Sodium Carbonate  
**CAS #:** 497-19-8  
**%:** <5  
**OSHA PEL:** N/A  
**ACGIH TLV:** N/A  
**LD<sub>50</sub> SPECIES & ROUTE:** 4,090 mg/kg rat, oral

**INGREDIENT:** Sodium Octyl Sulfate  
**CAS #:** 142-31-4  
**%:** <10  
**OSHA PEL:** N/A  
**ACGIH TLV:** N/A  
**LD<sub>50</sub> SPECIES & ROUTE:** 3,200 mg/kg rat, oral

**INGREDIENT:** Alkyldiphenyloxide Disulfonate  
**CAS #:** 36445-71-3  
**%:** <5  
**OSHA PEL:** N/A  
**ACGIH TLV:** N/A  
**LD<sub>50</sub> 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, colorless  
**PHYSICAL STATE:** Clear liquid  
**pH:** 9.5 ± 0.5  
**BOILING POINT:** 101°C / 214°F  
**EVAPORATION RATE:** Less than water  
**FREEZING POINT:** 0°C / 32°F  
**VAPOR DENSITY:** Same as water

**VOLATILE BY WEIGHT:** 85 ± 0.5 %  
**VAPOR PRESSURE:** Less than water  
**DENSITY:** 9.0 lb per gal @ 68°F  
 1.08 kg per liter @ 20°C  
**SOLUBILITY IN WATER:** Soluble

## 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:**  
 None known.

## 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:** Do not mix with acids,  
 as product is alkaline

## SECTION VI: HEALTH HAZARD DATA

**EYES:** 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 regulation.

## 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

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 COMMUNICATION AND STANDARD  
 (29CFR1910.1200).

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\*\*PLEASE ROUTE TO COMPANY SAFETY  
 OFFICER\*\*

Pioneer Eclipse®