

PRODUCT NAME: Eclipse Carpet Recirculating Extraction Cleaner

I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	: Eclipse Carpet Recirculating Extraction Cleaner	Product Number: 841
PRODUCT USE	: Water based carpet extraction cleaner concentrate	
MANUFACTURER	: Pioneer Eclipse Corp.	
P.O.BOX	: 909	
ADDRESS	: 1 Eclipse Road, Sparta, North Carolina, 28675, USA	
PHONE	: +1 336 372 8080	

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation: Preparation

INFORMATION ON HAZARDOUS INGREDIENTS

Chemical name	Einecs No.	Weight %	CAS No.	Symbol	R phrases
Sodium carbonate	207-838-8	1-5	497-19-8	Xi (irritant)	R 36/38
Sulfuric acid, Monooctyl ester, sodium salt	205-535-5	5-10	142-31-4	Xi (irritant)	R36/38
Benzenesulfonic acid, Decyl (Sulfophenoxy)-, Disodium salt	253-040-8	1-5	36445-71-3	Xi (irritant)	R36
Limonene	227-813-5	0.1-1	5989-27-5	Xi(irritant) N (Dangerous for the environment)	R10, R38, R43, R50-53

*See section 16 for the full text of relevant R phrases

3. HAZARDS IDENTIFICATION

Physical/chemical hazards: No physical or chemical hazards have been reported or are known.
Human health hazards: This product is not dangerous according to the EU regulations 67/548/EEC-1999/45/EC).
Environmental hazards: On the basis of available information this material/preparation is not expected to produce any significant adverse environmental effects when used as directed.

4. FIRST AID MEASURES

EFFECTS AND SYMPTOMS

Inhalation: Very slightly hazardous in case of inhalation
Ingestion: May cause stomach distress, nausea and vomiting.
Skin contact: May cause skin irritation. Skin inflammation is characterized by itching, reddening, or occasionally blistering. Non-sensitizer for skin.
Eye contact: May cause eye irritation.

FIRST AID MEASURES

Inhalation: If inhaled, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.
Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.
Skin contact: Immediately flush skin with plenty of water. Cold water may be used. Obtain

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Eye contact: medical attention.
Check for and remove any contact lenses. Immediately flush eyes with large amount of water for 15 minutes. Cold water may be used. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing media: N/A

Hazardous combustion products: May include and are not limited to oxides of carbon, oxides of nitrogen, oxides of sulfur.

Unusual fire and explosion hazards: None

Special fire fighting procedures: Firefighters should wear self-contained breathing apparatus and full turn-out gear.

6. ACCIDENTAL RELEASE MEASURES

Small spills: Absorb spill with inert material and dispose of as waste material in accordance with national and regional provisions.

Large spills: Keep spectators away. Floors may be slippery; use care to avoid falling. Dike and contain spill with inert materials. 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.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Do not ingest.

Storage: Storage in closed container away from incompatible materials. Storage temperature (Min. 34°F to Max. 140°F). Keep container sealed when not in use. Keep from freezing; product may coagulate. Keep out of reach of children.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure limit values: None established

Exposure controls: No special ventilation requirements. Ensure adequate general ventilation.

OCCUPATIONAL EXPOSURE CONTROLS

Respiratory protection: Not normally required if good ventilation is maintained.

Hand protection: Rubber gloves recommended

Eye protection: Safety glasses or splash goggles recommended

Skin protection: If major exposure is possible, wear suitable protective clothing such as rubber boots, apron, etc.

Environmental exposure controls: No specific environmental exposure controls required.

9. PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

Appearance: Clear straw color, liquid

Odour: Citrus

IMPORTANT HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

pH: 9.0-9.5

Flash point: None

Oxidizing properties: Not an oxidizer

Relative density: 1.08 kg/l @ 20°C

Boiling point/boiling range: 212°F

Explosive properties: None

Vapour pressure: Same as water

Solubility: 100% soluble in water

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Partition coefficient (n-octanol/water): Not determined

Vapour density: Same as water

Other information: N/A

Viscosity: less than 10 centipoise @ 20°C

Evaporation rate: Same as water

10. STABILITY AND REACTIVITY

Conditions to avoid: Do not mix with acids, as product is alkaline; no hazards exist here, only neutralization occurs.

Materials to avoid: Keep away from strong Oxidizing agents.

Hazardous decomposition products: Small amounts of CO₂, NO₂, H₂O and very small amount of SO₂ is possible when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Component Summary

Sulfuric acid, Monooctyl ester, sodium salt

LD₅₀: (Oral) Rat 3200 mg/kg

Potential Health Effects

Eye: Causes severe eye irritation. Can cause permanent corneal damage.

Skin: Slightly irritating to skin.

Ingestion: May be slightly toxic if swallowed.

Inhalation: Not an expected route of entry.

Chronic: No data available.

CARCINOGENICITY: Not expected to occur.

Benzenesulfonic acid, Decyl (Sulfophenoxy)-, Disodium salt

LD₅₀: (Oral) Rat >2000 mg/kg

Potential Health Effects

Eye: Causes moderate eye irritation that may result in impairment of vision.

Skin: Causes skin irritation. Causes redness, swelling, rashes or dermatitis.

Ingestion: May cause abdominal discomfort, nausea, diarrhea, and vomiting.

Inhalation: Not an expected route of entry.

Chronic: May cause dermatitis.

CARCINOGENICITY: Not expected to occur.

Sodium carbonate

LD₅₀: (Oral) rat 4090 mg/kg

Potential Health Effects

Eye: Causes eye irritation. Causes redness and pain.

Skin: Causes skin irritation. Causes redness and pain.

Ingestion: Harmful if swallowed. Causes digestive tract irritation with abdominal pain and vomiting.

Inhalation: May irritate the mucous membranes and upper respiratory tract.

Chronic: No data available.

CARCINOGENICITY: Not expected to occur.

Limonene

LD₅₀ oral (Rat) >5000 mg/kg; acute dermal LD₅₀ (rabbit) >5000 mg/kg

Potential Health Effects

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Eye: Causes eye irritation. Causes redness and pain.
Skin: Causes skin irritation. Causes redness and pain.
Ingestion: Harmful if swallowed.
Inhalation: May cause nose, throat and respiratory tract irritation.
Chronic: May cause drying, defatting and dermatitis of skin.
CARCINOGENICITY: Not expected to occur.

PREPARATION SUMMARY

Acute Toxicity: No data available.

LOCAL EFFECTS

Skin contact: May cause skin irritation upon contact.
Eye contact: May cause eye irritation.
Sensitization: Non sensitizer for skin.
Chronic effects: Repeated or prolonged exposure not know to aggravate medical condition.

SPECIFIC EFFECTS

Carcinogenicity: Not available
Reproductive effects: Not available
Teratogenicity: Not available
Mutagenicity: Not available

12. ECOLOGICAL INFORMATION**Component Summary**

Sulfuric acid, Monooctyl ester, sodium salt: not available
Benzenesulfonic acid, Decyl (Sulfophenoxy)-, Disodium salt: not available

Sodium carbonate:
96 hour LC₅₀ = 265-565 mg/L (daphnia magna) (low toxicity)
96-hour LC₅₀ = 300-320 mg/L (bluegill sunfish) (low toxicity)

Limonene
96 hour LC₅₀ fathead minnow: 702 mg/l (flow-through)

PREPARATION SUMMARY

Ecotoxicity: Not available
Environmental fate: Not available
Bioaccumulation: Not available

13. DISPOSAL

Disposal of this material should be in accordance with local, regional, and national regulations.

14. TRANSPORT INFORMATION**INTERNATIONAL TRANSPORTATION REGULATIONS:**

This product is not classified for transportation under ADR/IMDG regulations.

UN number: not applicable

Packing group: not applicable

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LAND-ROAD/RAILWAY

Proper shipping name: not applicable
ADR/RID class: not applicable
ADR/RID item number: not applicable

SEA

Proper shipping name: not applicable
IMDG class: not applicable

AIR

Proper shipping name: not applicable
ICAO class: not applicable

Medical First Aid Guide (MFAG): not applicable
Emergency Schedules (EmS): not applicable
Marine Pollutant: none

15. REGULATORY INFORMATION

NATIONAL REGULATIONS: No additional national regulations are known to the supplier.

EU REGULATIONS

EU Classification: Classified as non-hazardous according to current legislation (67/548/EEC, 1999/45/EC).

Risk phrases: See section 16.
Safety phrases: S2- Keep out of the reach of children.
S22-Do not breathe dust.
S24-Avoid contact with skin.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28- After contact with skin, wash immediately with plenty of water.
S37/39- Wear suitable gloves and eye/face protection.
S45-In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S60-This material and its container must be disposed of as hazardous waste.
S61-Avoid release to the environment.

EINECS Status: All ingredients are included in the EINECS inventories.

CANADA CPR Status: This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.

16. OTHER INFORMATION

Detergent/Cleaner Labeling (648/2004 EC)

(5-<15%) Anionic Surfactant, (0.2-<5%) Non-ionic Surfactant, (0.2-<5%) EDTA, (<5%) Preservative-Chloroxylenol and (<5%) Perfume-(0.01-<1%) Limonene allergenic fragrance.

Relevant R phrases

R10-Flammable.

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R20/22-Harmful by inhalation and if swallowed.

R36/38- Irritating to eyes and skin.

R43-May cause sensitization by skin contact.

R50/53-Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Issued by:

Genie G Bost, Regulatory Affairs Manager

Revision information:

19/09/2005, revision conforming to 2001/58/EC