

**SECTION 1: PRODUCT AND COMPANY INFORMATION**

<b>Manufacturer</b>	Emerald Edge Environmental, Inc., 414 21 <sup>st</sup> St S, Texas City, TX 77590		
<b>Telephone</b>	(409) 945-5333	<b>Fax</b>	Not Applicable
<b>Product Name(s)</b>			
<b>Uses / Restrictions on Use</b>	Cleaner concentrate / For commercial or industrial use		
<b>Emergency Contact / Number</b>	(409) 945-5333		

**SECTION 2: HAZARD IDENTIFICATION****Hazards**

Eye damage/irritation      Category 1, Causes serious eye damage

**DANGER****Precautionary Statements****Prevention**

Wear eye and face protection.

**Response**

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center, doctor or physician.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Component Name	CAS#	Percentage
Dipropylene glycol monomethyl ether	34590-94-8	5 – 10
Surfactants	Mixture	5 – 10

**SECTION 4: FIRST AID MEASURES****Eye Contact**

Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

**Skin Contact**

Wash exposed area with plenty of water and soap if readily available. Wash contaminated clothing before reuse. Seek medical attention if irritation occurs and persists.

**Inhalation**

Remove affected person to fresh air if exposed to excessive fumes during heating. Seek medical attention if coughing or other symptoms persist.

**Ingestion**

Unlikely to occur; do not induce vomiting due to possibility of aspiration into lungs. Turn head to side or between knees if vomiting occurs.

**Most Important Symptoms / Effects**

May cause minor, reversible skin, eye and respiratory irritation. Ingestion is not expected to be toxic but may cause gastrointestinal irritation.

**Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary**

Persistent skin rash or eye discomfort.

**SECTION 5: FIREFIGHTING MEASURES****Suitable and Unsuitable Extinguishing Media**

Product does not burn; use fire-fighting techniques applicable to the surrounding fire. Use a water spray to cool fire-exposed containers, structures and to protect personnel.

**Specific Hazards Arising from the Chemical**

None known

**Protective Equipment and Precautions for Fire-Fighters**

Fire fighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing (bunker gear) when fighting fires.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

See Section 8 for Personal Protection Measures

**Personal Precautions**

Isolate release area and keep unnecessary people away. Ensure adequate ventilation.

**Environmental Precautions**

Contain spill if it can be done with minimal risk. Prevent undiluted material from entering drains, sewers or waterways. Advise EPA, state or local agencies as required.

**Methods for Cleaning Up**

Contain and recover when possible. Dilute any remaining material with large amount of water. Dispose of recovered material in accordance with guidelines in Section 13. Uncontaminated material can be returned to container for subsequent use.

**SECTION 7: HANDLING AND STORAGE**

See Section 8 for Personal Protection Measures

**Handling**

For industrial use only. Do not ingest. Avoid breathing vapors or mists. Avoid contact with eyes. Avoid frequent or prolonged contact with skin. Use good hygiene practices when handling product, including changing and laundering work clothes after use.

**Storage**

Store product in closed containers in a well-ventilated area away from heat, sources of ignition and incompatibles. Do not store in unlabeled containers. Empty containers may contain residue or vapors.

**SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION****Exposure Limits**

Component Name	ACGIH	OSHA
Dipropylene glycol monomethyl ether	100 ppm (TWA)	100 ppm (TWA)

**Engineering Controls**

Use appropriate ventilation to maintain good air quality. Refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

**Eye and Face Protection**

Wear safety glasses or goggles when working with product; use a face shield if splashing is possible e.g. when spraying or pouring large amounts.

**Skin Protection**

Wear gloves and other protective clothing as appropriate to avoid prolonged or repeated skin contact.

**Respiratory Protection**

Respiratory protection not normally required.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance/Physical State</b>	Green liquid	<b>Flash Point (PMCC)</b>	212 °F
<b>Specific Gravity (Water=1)</b>	0.99 – 1.01	<b>Upper Flammability Limits</b>	Not Applicable
<b>Evaporation Rate</b>	Same as water	<b>Lower Flammability Limits</b>	Not Applicable
<b>pH</b>	9.0 (approx.)	<b>Auto-ignition Temperature</b>	Not Applicable
<b>Solubility in Water</b>	Completely dispersible	<b>Decomposition Temperature</b>	Not Determined
<b>Odor</b>	Mild, pleasant scent	<b>Vapor Pressure (mm Hg; 70 °F)</b>	<0.01
<b>Odor Threshold</b>	Not Determined	<b>Vapor Density (Air=1)</b>	Not Determined
<b>Melting/Freezing Point</b>	Not Applicable	<b>Partition Coefficient (n-octanol/water)</b>	Not Determined
<b>Boiling Point</b>	212 °F	<b>Viscosity</b>	Not Determined
<b>Boiling Range</b>	Not Determined	<b>Critical Temperature</b>	Not Determined

Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.

**SECTION 10: STABILITY AND REACTIVITY**

<b>Reactivity</b>	Does not react under normal use and storage conditions
<b>Chemical Stability</b>	Stable under normal or anticipated conditions of shipping, storage and use
<b>Possibility of Hazardous Reactions</b>	Will not occur under normal conditions
<b>Conditions to Avoid</b>	None
<b>Incompatible Materials</b>	Materials reacting violently with water
<b>Hazardous Decomposition Products</b>	None

**SECTION 11: TOXICOLOGICAL INFORMATION****Acute Effects**

Little or no symptoms or effects from skin contact with healthy individuals. Eye contact may cause mild, temporary irritation. No known effects or toxicity from inhalation or ingestion.

**Target Organ Effects**

No known effects

**Pre-existing Conditions**

Persons with pre-existing skin disorders or eye problems, or impaired respiratory function may be more susceptible to the effects of this substance.

**Chronic Effects**

No known effects.

**Carcinogenicity**

Does not contain any materials known to be carcinogens by IARC, NTP or OSHA.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Not Determined	<b>Degradability</b>	Not Determined
<b>Mobility</b>	Not Determined	<b>Bioaccumulation</b>	Not Determined

**Summary**

No data available on any adverse effects of this material to the environment.

**SECTION 13: DISPOSAL CONSIDERATION**

Dispose of this product in compliance with all applicable federal, state and local regulations.

**SECTION 14: TRANSPORT INFORMATION****Proper Shipping Name**

Not Regulated by DOT (US) or TDG (Canada)

**SECTION 15: REGULATORY INFORMATION**

**TSCA Status** All ingredients are listed on TSCA and DSL.  
**SARA 311/312 Reporting Categories** None  
**Section 313 Ingredients** None

**SECTION 16: OTHER INFORMATION**

**NFPA Rating** 1-0-0  
**HMIS Rating** 1-0-0

**Disclaimer**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. The stated SDS is reliable to the best of the company's knowledge and believed to be accurate as of the date indicated. No representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy him or herself as to the suitability and completeness of such information for his or her own particular use.

Prepared by: Health and Safety Dept.