

# MATERIAL SAFETY DATA SHEET

## MANUFACTURER:

Emerald Edge Environmental, Inc.  
414 21<sup>st</sup> Street S, Texas City, TX 77590  
Phone: 800-458-2236 or 409-945-5333

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### SECTION I: IDENTIFICATION

PRODUCT: Earthen Edge RTA  
DESCRIPTION: Aqueous 100% Biodegradable, Biodegradable, Bioremediation agent in ready-to-apply concentration. Contains naturally occurring, non-pathogenic microbe strains selected to eliminate hydrocarbons in the soil.

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### SECTION II: INGREDIENTS AND HAZARDOUS CLASSIFICATION

#### NON-HAZARDOUS SOLUTION

SARA HAZARD: TITLES III SECTION 313: Not Listed Fire (Section 311/312): None  
OSHA: Not Listed NTP: Not Listed IARC: Note Listed

NOTE: As a result of the manufacturing process, DaBugs/Microbilge does not present the occupational health risks, if any, associated with exposure to its undiluted raw material ingredients.

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### SECTION III: HEALTH INFORMATION

INHALATION: No problems  
INGESTION: Considered non-toxic (16 CFR 1500 3 code of Federal Regulations 16 Federal Hazardous Substances act Regulations Part 1500 3), however, As with any cleaner, avoid ingestion.  
EYE CONTACT: Avoid contact. Mild transient irritation and hazy vision due to dryness.  
SKIN CONTACT: Non-corrosive and non-irritating to normal skin.

#### EFFECTS OF OVEREXPOSURE:

INHALATION: None  
INGESTION: Transient gastrointestinal irritation  
EYES: Irritation and excessive dryness  
SKIN: Mild transient redness, rash and/ or dryness

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### SECTION IV: OCCUPATIONAL EXPOSURE LIMITS

PEL: No OSHA PEL  
TLV: No ACHIH TLV

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### SECTION V: EMERGENCY FIRST AID PROCEDURES

INHALATION: Not a known problem, however, if problems develop remove air.  
INGESTION: Call physician or poison control center if swallowing large amounts is suspected  
EYES: Wash affected area with water, reduce or discontinue contact.  
SKIN: Flush with plenty of water.

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### SECTION VI: PHYSICAL DATA

Boiling Point:	212 degrees F.	Vapor Pressure:	MM/HG: <.01 @ 70 degrees F.
Vapor Density:	Specific Gravity:	Evaporation Rate:	=H2O
	1.00+/- .01		
Solubility in Water:	Completely dispersible	Odor:	Mild pleasant scent
Appearance:	Slightly viscous liquid	Color:	Green
Ph:	approx. 9.0	Melting Point:	NA

SECTION VII: FIRE AND EXPLOSION HAZARDS

Flash Point: NA  
Volatile Organic Compounds (VOC's): None  
Extinguishing Media: NA  
Special Fire fighting Procedures: None  
Unusual Fire/Explosion Hazards: None  
NFPA Rating: 1/0/0/0

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SECTION VIII: REACTIVITY DATA

Stability: Stable  
Materials to Avoid: Materials known to cause violent reaction with water.  
Conditions to Avoid: None  
Hazardous Decomposition Products: None

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SECTION IX: EMPLOYEE PROTECTION

Control Measures: As when handling any non-potable liquid, good hygienic practices (i.e. washing hands  
Respiratory Protection: None required  
Protective Clothing: None required, however, for extended or frequent contact, rubber gloves are recommended.  
Eye Protection: None required, however, goggles are recommended, particularly if splashing  
May occur or if high pressure washing creates a mist.  
HMIS III Rating: 1/0/0/A (0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe A=Safety Glasses-Goggles).

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SECTION X: ENVIRONMENTAL PROTECTION

Special Precautions: None  
Spill or Leak Precautions: None required. Rinse with water to eliminate potential for slips and falls.  
Waste Disposal: Product will not harm environment if released in any quantity, however, any disposal must be in accordance with all local, state and federal laws.

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SECTION XI: TRANSPORTATION REGULATORY CONTROLS

DOT Classification: Class 55  
Proper shipping name: Cleaning compound  
Other Requirements: None  
Hazard/Placard: None Required

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THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED & MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY OTHER PROCEDURE. THE STATED M.S.D.S. IS RELIABLE TO THE BEST OF THE COMPANY'S KNOWLEDGE & BELIEVED TO BE ACCURATE AS OF THE DATE INDICATED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS & 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 HIMSELF OR HERSELF AS TO THE SUITABILITY & COMPLETENESS OF SUCH INFORMATION FOR HIS OR HER OWN PARTICULAR USE.

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Symbols: NA= Not Applicable F=Fahrenheit C=Centigrade