



## I. PRODUCT AND SUPPLIER INFORMATION

Product Name: **MicroCg®**  
 Product Number: NA  
 Product Synonyms: None  
 Chemical Family or Formula: Blend

MSDS Number: EOSi MicroCg®  
 Publication September 24, 2010  
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Supplier: **Environmental Operating Solutions, Inc.**  
 160 MacArthur Blvd., Unit 6  
 Bourne, MA 02532

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 Web page: [www.eosenvironmental.com](http://www.eosenvironmental.com)

Product Information: 774-392-0336 and 508-989-2744  
 Transportation Emergency: CHEMTREC 800-424-9300

Note: The purpose of this MSDS is to provide safe handling, shipping and disposal information for users of the product. It is not intended to, nor does it; provide complete or extensive toxicological data on the product or its components. Users who require this information are referred to primary suppliers of the ingredients of interest.

## II. COMPOSITION AND INFORMATION ON INGREDIENTS

### **TRADE SECRET: WATER AND TRADE SECRET COMPONENTS**

This product contains ingredients that offer NO hazards as supplied.

No component is listed in "Threshold and Biological Exposure Indices for 2004" from ACGIH.

## III. HAZARDS IDENTIFICATION

**OSHA Hazard Classification: NONE. Not known to be a hazardous substance.**

**Routes of Entry:** N/A

**Chemical Interactions:** Avoid contact with oxidizing agents.

**Medical Conditions Aggravated:** none known.

**Human Threshold Response Data**

**Odor Threshold:** Not established

**Irritation Threshold:** Not established

### **Hazard Category Classifications and Ratings**

Hazard Categories	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8,
Immediate	No	No	No	No	OSHA 29 CFR 1910.1200 and
Delayed	No	No	No	No	SARA 302/311/312/313.
HMIS Hazard Ratings:	Health 1	Fire 1	Instability 0	Other B (Goggles, gloves)	
NFPA 704 Hazard Ratings:	Health 0	Flammability 1	Reactivity 0	Special NA	
Hazard Ratings:	Least: 0	Slight: 1	Moderate: 2	High: 3	Extreme: 4

### **Immediate (Acute) Health Effects:**

**Inhalation Toxicity and Irritation:** None known

**Skin Contact:** Not know to be a skin irritant.

**Skin Absorption:** None known.

**Eye Contact:** Not know to be an eye irritant.

**Ingestion Irritation:** May be harmful if swallowed in large quantities.

**Ingestion Toxicity:** May be harmful if swallowed in large quantities.

# Material Safety Data Sheet

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**Acute Target Organ Toxicity:** None.

**Prolonged (Chronic) Health Effects**

**Carcinogenicity:** This product is not known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP or EPA.

**Reproductive and Developmental Toxicity:** None Known.

**Sensitization:** None known.

**Inhalation:** none known.

**Skin Contact:** none known.

**Skin Absorption:** none known.

**Ingestion:** none known.

**Chronic Target Organ Toxicity:** none known.

**Supplemental Health Hazard Information:** No additional health information available.

## **IV. FIRST AID**

**Inhalation:** Remove individual to fresh air.

**Skin Contact:** Wash affected area with water.

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids apart.

**Ingestion:** Immediately drink water to dilute. Never give anything by mouth to an unconscious person. Seek medical attention.

**Note to physician:** Treat patient symptomatically.

## **V. FIRE FIGHTING MEASURES**

**Flammability Summary (OSHA):** Non-Flammable Material.

**Flammable Properties:**

**Flash Point:** None to Boil

**Autoignition Temperature:** No data

**Upper Flammable/Explosive Limit:** N/A

**Lower Flammable/Explosive Limit:** N/A

**Fire/Explosion Hazards** None.

**Extinguishing Media:** Use equipment appropriate to the main source of the fire. Water spray, foam, dry chemical or CO<sub>2</sub>

**Fire Fighting Instructions:** In case of fire, use normal fire fighting equipment including a NIOSH approved self-contained breathing apparatus (SCBA).

## **VI. ACCIDENTAL RELEASE MEASURES**

**Personal Protection for Emergency Situations:** Avoid contact with skin, eyes, and mucous membranes. Gloves and eye protection are recommended.

**Spill Information:** Avoid direct release to environmental media. Contain product for disposal. See Environmental Precautions.

**Environmental Precautions:** Dispose of residues in compliance with applicable national, state/provincial, and local regulations.

## **VII. HANDLING AND STORAGE**

**Handling:** Avoid contact with eyes and skin. Gloves and eye protection recommended.

**Storage:** Keep container closed when not in use. Avoid storage in extreme temperatures. Avoid storage in direct sunlight.

**Shelf Life Limitations:**

**Sealed Containers:** Consult manufacturer prior to using if product is older than two years.

**Open Containers:** Consult manufacturer prior to using if product is older than six months.

**Incompatible Materials for Storage:** Oxidizing agents.

**VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Ventilation:** None required other than preventing direct contact with product.  
**Respiratory Protection:** Not required under foreseeable conditions of use.  
**Skin:** Follow good industrial hygiene practices.  
**Eyes:** Use chemical safety glasses with side shields, safety goggles.

**IX. PHYSICAL DATA**

Physical State: ..... Liquid  
Color: ..... Clear/Yellow Liquid  
Odor: ..... Mild soap odor  
pH (@ 25 Deg. C): ..... 5.0-6.0  
Solubility in Water: ..... 100%  
Bulk Density: ..... 10.17 lbs/gallon  
Specific Gravity: ..... 1.22 g/cm<sup>3</sup>  
Volatiles % by vol.: ..... 0 %  
Boiling Point: ..... ~ 212 F  
Freezing Point: ..... 18 F (- 7.8 C)

**X. STABILITY AND REACTIVITY**

**Stability and Reactivity Summary:** Stable under normal conditions.  
**Reactive Properties:**  
**Sensitivity to mechanical shock:** None  
**Hazardous Polymerization:** Will not occur  
**Conditions to Avoid:** High temperatures, exposure to heat, open flames  
**Chemical Incompatibility:** Avoid contact with oxidizers  
**Incompatible materials:** None known  
**Hazardous Decomposition Products:** None known  
**Decomposition Temperature:** No data

**XI. TOXICOLOGICAL INFORMATION**

**Health Hazards of Product:**  
**Routes of Entry:** Ingestion. Not absorbed through skin or mucous membranes.  
**Acute Effects:** Inhalation, eye contact, or skin contact are not known to be hazardous.  
**Reproductive and Developmental Toxicity:** Not classified as a reproductive toxin by any authoritative body or regulatory agency.  
**Mutagenicity:** In vitro: NO positive evidence. In vivo: NO positive evidence.  
**Carcinogenicity:** IARC: No ACGIH: No  
NTP (USA): No OSHA (USA): No

**XII. ECOLOGICAL INFORMATION**

**Ecological Toxicity Values:**  
**Environmental Fate:** No information found      **Environmental Toxicity:** No information found

**XIII. DISPOSAL CONSIDERATIONS**

**Potential US EPA Waste Codes:** NONE  
**Disposal Methods:** Disposed of in accordance with local, state and federal regulations for hazardous waste.  
**Components subject to land ban restrictions:** No components subject to land ban restrictions.

**XIV. TRANSPORTATION INFORMATION**

**Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number**  
Shipment of this product is not controlled by ICAO, USDOT, or Canadian TDG regulations.  
**US Domestic DOT:** ..... Not regulated  
**Reportable Quantity ("RQ") per 49 CFR172.101:** ..... Not regulated  
**Passenger air/ Rail:** ..... Not regulated  
**Cargo air only:** ..... Not regulated  
**Vessel stowage:** ..... Not regulated

**XV. REGULATORY INFORMATION**

**UNITED STATES:**  
**Toxic Substances Control Act (TSCA):** The components of this product are listed on the TSCA Inventory of Existing Chemical Substances.  
**Pesticide acceptance indication: US EPA Registration Number:** Not applicable  
**Superfund Amendments and Reauthorization Act (SARA) Title III:** See Section III of this MSDS.  
**Hazard Categories Sections 311/312 (40 CFR 370.2):**  
**Health:** Acute – NO                      Chronic – NO                      **Physical:** None  
**Emergency Planning & Community Right to Know (40 CFR 355, App. A):** Not applicable  
**Extremely Hazardous Substance Section 302 - Threshold Planning Quantity:** Not applicable  
**Reportable Quantity (40 CFR 302.4):** Not Applicable  
**Supplier Notification Requirements (40 CFR 372.45), 313 Reportable Components:** NONE  
  
**State Right-to-Know Regulations Status of Ingredients:** No Ingredients listed with any state.

**XVI. ADDITIONAL INFORMATION**

MSDS REVISION STATUS: Revision September 24, 2010 Replaces April 28, 2009  
  
THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. THE INFORMATION IN THIS MSDS SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. WE BELIEVE THIS INFORMATION TO BE RELIABLE AND UP TO DATE AS OF ITS PUBLICATION DATE, BUT MAKE NO WARRANTY THAT IT IS. IF THIS MSDS IS MORE THAN THREE YEARS OLD YOU SHOULD CONTACT THE SUPPLIER TO MAKE CERTAIN THAT THE INFORMATION IS CURRENT.