



I. PRODUCT AND SUPPLIER INFORMATION

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

MSDS Number: EOSi MicroCg™
Publication April 28, 2009
Replaces: August 27, 2007

Supplier: Environmental Operating Solutions, Inc.
160 MacArthur Blvd., Unit 6
Bourne, MA 02532

Phone: 508-743-8440
Fax: 508-743-8443
Web page: 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

Table with 6 columns: Hazard Categories, Health, Fire, Pressure, Reactivity, Reference. Rows include Immediate, Delayed, HMIS Hazard Ratings, NFPA 704 Hazard Ratings, and Hazard Ratings (Least, Slight, Moderate, High, Extreme).

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.

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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 CO₂

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.

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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): 5.2-5.8
Solubility in Water: 100%
Bulk Density: 10.17 lbs/gallon
Specific Gravity: 1.22 g/cm³
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.

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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: This MSDS replaces August 27, 2007

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.