

SDS# Eco-Coil
Date: January 2016

Total Pages: 5

Eco-Coil™

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Eco-Coil Coil Cleaner
Catalog Number: Eco-Coil
Manufactured by: DiversiTech Corporation
6650 Sugarloaf Parkway
Duluth, GA, 30097
Information Phone No.: 1+678.542.3600
EMERGENCY Phone No.: 1 800.255.3924 Chem-Tel (Chemical Emergencies)
PREPARED BY: V. Leone

SECTION 2. HAZARDOUS INGREDIENTS INFORMATION

GHS Classification:

Skin Irritation Category 3
Eye Irritation Category 2B

Label Elements:

Signal Word Warning!

Hazard Statement(s)

H316 Causes mild skin irritation.
H320 Causes eye irritation.

Precautionary statement(s)

P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash thoroughly after handling.
P332 + 313 If skin irritation occurs: Get medical attention.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 If eye irritation persists: Get medical advice/attention.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	EINECS No.	% or Range	GHS Classification
Water	7732-18-5	231-791-2	85-95	Not classified
Sodium silicate	1344-09-8	215-687-4	<1	H314: Causes severe skin burns and eye damage Category 1B H335: May cause respiratory irrit. Category 3

Eco-Coil™

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious or is convulsing. Obtain medical attention.

Skin Contact: Wash with soap and water. Rinse with copious amounts of fresh, running water. If irritation persists, get medical attention.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

4.2. Signs and Symptoms of Exposure:

Inhalation: Mist or spray may be slightly irritating to respiratory tract.

Ingestion: Swallowing can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Skin Contact: Substance does not generally irritate and is only mildly irritating to the skin.

Eye Contact: Contact causes eye irritation.

Chronic Effects: Dry, chapped skin may result from prolonged exposure. Repeated contact with eyes may cause severe irritation.

SECTION 5. FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media:

This product is not flammable. Use dry chemical, carbon dioxide, foam or other media suitable for the primary source of the fire.

Special Equipment and Precautions for Fire-Fighters:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode. Cool fire-exposed containers with a water spray.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment and clothing during clean-up.

Methods and Material for Containment and Clean-Up: Contain and absorb liquid with clay, vermiculite or other inert substance, sweep up and package in a container suitable for disposal. Wash away residues with water. Dispose of absorbed material in accordance with Federal, local and state regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling: Keep in a tightly closed container. Protect from physical damage. Keep this and all chemicals out of the reach of children. Avoid contact with eyes and skin. Avoid inhalation of vapors and mists. Wash thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatible materials. Observe all warnings and precautions listed for the product. Observe all warnings and precautions listed for the product.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Airborne Exposure Limits:

Not available

Appropriate Engineering Controls:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation. A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators:

Not required for normal use in accordance with label directions.

Eco-Coil™

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (cont.)

Skin Protection: Use latex, neoprene or nitrile gloves to minimize skin contact.

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. A source of running water or other eyewash provisions should be nearby.

Work Hygienic Practices: Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating, smoking or using the bathroom.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear pale to yellow liquid

Odor: Mild, not unpleasant

Odor Threshold: Not established

pH @ 25°C: 11.0-11.5

Melting Point (Pour Point): $\leq 0^{\circ}\text{C}$ (32°F)

Boiling Point: $>100^{\circ}\text{C}$ (212°F)

Flash Point: None

Freezing Point: $< 0^{\circ}\text{C}$ (32°F)

Evaporation Rate (Water = 1): ~1

Flammable Limits: Not applicable

LEL: N/A

UEL: N/A

Vapor pressure (mm Hg): ~ 2.3kpa at 20°C

Vapor Density (Air = 1): ~ 0.63

Specific gravity (H₂O = 1): 1.009

Solubility in water: soluble

Octanol/Water Partition Coefficient: Not available

Autoignition Temperature: Not available

Decomposition Temperature: Not available

VOC: < 40 grams/liter

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable under ordinary conditions of use and storage.

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: Incompatibles.

Incompatible Materials: Avoid contact with strong oxidizing agents, strong alkalis and strong acids

Hazardous Decomposition Products: None suggested

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Inhalation: Mist or spray may be slightly irritating to respiratory tract.

Ingestion: Swallowing can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Skin Contact: Substance does not generally irritate and is only mildly irritating to the skin.

Eye Contact: Contact causes eye irritation.

Chronic Effects: Dry, chapped skin may result from prolonged exposure. Repeated contact with eyes may cause severe irritation.

Carcinogenic effects: None known

Teratogenicity/Reproductive toxicity: None known

Mutagenic effects: None known

Numerical Measures of Toxicity: Not available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Aquatic: Not available.

Persistence and Degradability: Readily biodegradable.

Bioaccumulative Potential: All components of this product are readily and completely biodegradable. It is not expected to bio-accumulate.

Mobility in Soil: Final destination of reacted products is water. Readily adsorbed into soil.

Other Adverse Effects: None known

Other: For more information, see "HANDBOOK OF ENVIRONMENTAL FATE AND EXPOSURE DATA."

Eco-Coil™

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of spill-clean up and other wastes in accordance with Federal, State, and local regulations. Whatever cannot be saved by recovery should be managed in an appropriate and approved waste facility. Although not a listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. Empty containers of this material, properly rinsed with water, pose no disposal hazard and may be recycled. State and local disposal regulations may differ from federal disposal regulations.

SECTION 14. TRANSPORTATION INFORMATION

U.S. DOT (DEPARTMENT OF TRANSPORTATION)

US DOT: Not classified as a shipping hazard

International (Water, I.M.O.) Not classified a shipping hazard

DOT Proper Shipping Name: None

DOT Hazard Class: None

UN Number: None

Packing Group: None

Limited Quantity: No

Marine Pollutant: No

ADR/RID Class: None

ADR/RID Packing Group: None

IMDG Hazard Class: None

IMDG Packing Group: None

ADNR Class: None

ADNR Item: None

IATA Hazard Class: None

IATA Packing Group: None

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15. REGULATORY INFORMATION

United States

Sara Title III (Superfund Amendments And Reauthorization Act)

311/312 Hazard Categories: None

FIRE: No Pressure **Generating:** No **Reactivity:** No **Acute:** No **Chronic:** No

313 Reportable Ingredients: None

302/304 Emergency Planning

Emergency Plan: NA

Threshold Quantity: None

CERCLA (Comprehensive Response, Compensation, And Liability Act)

CERCLA Regulatory: The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), 40 CFR 302 does not apply to this mixture.

CERCLA RQ: None

Reportable Spill Quantity: None

EPA

EPA RQ Ingredient: None

EPA RQ Product: None

TSCA (Toxic Substance Control Act)

TSCA Regulatory: All components are listed on the TSCA Inventory or are excluded or exempt.

TSCA STATUS: All components are listed on the TSCA Inventory, or are excluded, or exempt.

Clean Air Act

40 CFR Part 68---Risk Management For Chemical Accident Release Prevention: NA

Threshold Quantity: None

Occupational Safety And Health Administration (OSHA)

29 CFR1910.119---Process Safety Management Of Highly Hazardous Chemicals: None regulated.

Eco-Coil™

SECTION 15. REGULATORY INFORMATION (cont.)

Regulations

State Regulations: None

Local Regulations: None

California Proposition 65: This product does not contain chemical(s) known to the state of California to cause cancer, birth defects, or reproductive harm.

RCRA Status: This product, if discarded as sold, is not a Federal RCRA hazardous waste. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

OSHA Hazard Comm. Rule: This document meets the requirements of the Hazardous Communications standard

Clean Water Act: Not Listed.

National Response Center: Not Listed

Carcinogen: This Mixture Does Not Contain Any Components Listed As A Carcinogen.

USDA (U.S. Department Of Agriculture): Na

FIFRA (Federal Insecticide, Fungicide, And Rodenticide Act): Not Available

SDWA (Safe Drinking Water Act): Not Available

FDA (Food And Drug Administration): Not Available

DEA (Drug Enforcement Precursor & Essential Chemicals) Listed Substance: Not Available

Canada

WHMIS (Workplace Hazardous Materials Information System): NA

WHMIS CLASS: NA

Canada Ingredient Disclosure List: Not listed

Canadian Environmental Protection Act: All ingredients are listed on the Canadian

Domestic Substances List Inventory or are exempt.

Domestic Substance List (Inventory): Not listed

Exemption Reg. No.: No data available.

PCP Reg. No: None

DIN Reg. No: None

International Regulations

(VbF) Classification: NA

(WGK) Classification: Not classified

RoHS: NA

Mexico: Not Established

Notes: NA = Not Applicable

SECTION 16. OTHER INFORMATION

NFPA/HMIS III Ratings: Health: 1 Flammability: 0 Reactivity: 0

HMIS III®

Health	1
Flamability	0
Physical Hazard	0
Personal Protection	B

Revision Summary: All Sections: New GHS Format

SDS DATE REVISED: 01/05/2016

This information is, to the best of our knowledge and belief, accurate and reliable as of the date completed. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement.